## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

#### Sacramento River Basin

LD0001G Levee District No. 0001 (Glenn County)	Overall LMA Rating	Total LMA Miles						
	M	12.23						
Rated Item		Maintenance Deficiency			Enforcement		Design & System Obsolescence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.07		0.07	0.57%				
Trim / Thin Trees	0.13		0.13	1.06%				
Encroachments	0.01		0.01	0.08%	0.48	1.10		
Animal Control	0.31	0.20	1.11	9.07%				
Slope Stability	0.01		0.01	0.08%				
Emergency Supplies & Equipment	0.12		0.12	0.98%				
Flood Preparedness & Training	0.12		0.12	0.98%				
Supplemental								
DWR UCIP Field Study					0.16			
DWR UCIP LMA Responsibility								
LMA Totals:	0.77	0.20	1.57	12.84%	0.64	1.10	0.00	0.00

LD0001S Levee District No. 0001 (Sutter County)	Overall LMA Rating	Total LMA Miles 16.11						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nateu itelli	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.01	0.01		
Supplemental								
DWR UCIP Field Study					0.10	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	0.00	0.00	0.00	0.00%	0.11	0.02	0.00	0.00

LD0002	Overall LMA	Total LMA							
Levee District No. 0002 (Glenn County)	Rating	Miles							
` '	U	4.90							
Rated Item		Maintena	nce Deficiency		Enforc	ement		Design & System Obsolescence	
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation					0.01				
Encroachments	0.04		0.04	0.82%	0.20				
Animal Control	0.08	0.26	1.12	22.86%					
Crown Surface / Depressions / Rutting	0.01		0.01	0.20%					
Flood Preparedness & Training	0.05		0.05	1.02%					
Supplemental									
2015 USACE Erosion Survey, DRAFT	0.21		0.21	4.29%					
DWR UCIP Field Study					0.13	0.01			
LMA Totals:	0.39	0.26	1.43	29.18%	0.34	0.01	0.00	0.00	

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

LD0003 Levee District No. 0003 (Glenn County)	Overall LMA Rating	Total LMA Miles						
***************************************	U	11.97						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
ivaled item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation						0.03		
Trim / Thin Trees	0.36	0.01	0.40	3.34%				
Encroachments	0.15		0.15	1.25%	0.86	0.07		
Animal Control	0.42	1.26	5.46	45.61%				
Slope Stability	0.08	0.01	0.12	1.00%				
Erosion / Bank Caving		0.01	0.04	0.33%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.30		0.30	2.51%				
DWR UCIP Field Study					0.15			
LMA Totals:	1.31	1.29	6.47	54.05%	1.01	0.10	0.00	0.00

Levee District No. 0009 (Sutter County)	Overall LMA Rating	Total LMA Miles 6.25						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.35			
Animal Control	0.01		0.01	0.16%				
LMA Totals:	0.01	0.00	0.01	0.16%	0.35	0.00	0.00	0.00

MA0001 Sutter Maintenance Yard Maintenance	Overall LMA Rating	Total LMA Miles						
Area 0001	A	16.76						
Rated Item		Maintena	nce Deficiency		Enforc	Design 8 Obsole	& System scence	
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.04		0.04	0.24%	0.02			
Trim / Thin Trees	0.01		0.01	0.06%				
Encroachments	0.01		0.01	0.06%	1.92	1.18		
Slope Stability	0.02		0.02	0.12%				
Erosion / Bank Caving	0.02		0.02	0.12%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.40		0.40	2.39%				
DWR UCIP Field Study					0.25	0.09		
DWR UCIP LMA Responsibility								
LMA Totals:	0.50	0.00	0.50	2.98%	2.19	1.27	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

MA0003 Sutter Maintenance Yard Maintenance	Overall LMA Rating	Total LMA Miles						
Area 0003	Α	5.11						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Animal Control	0.01		0.01	0.20%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.09		0.09	1.76%				
DWR UCIP Field Study					0.01	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	0.10	0.00	0.10	1.96%	0.01	0.01	0.00	0.00

MA0004 Sacramento Maintenance Yard	Overall LMA Rating	Total LMA Miles						
Maintenance Area 0004	Α	3.47						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System escence
Rateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.01			
Trim / Thin Trees	0.01		0.01	0.29%				
Encroachments	0.03		0.03	0.86%	0.28	0.02		
Animal Control	0.01		0.01	0.29%				
Slope Stability	0.01		0.01	0.29%				
Erosion / Bank Caving	0.01		0.01	0.29%				
Supplemental								
DWR UCIP Field Study					0.04			
LMA Totals:	0.07	0.00	0.07	2.02%	0.33	0.02	0.00	0.00

MA0005 Sutter Maintenance Yard Maintenance	Overall LMA Rating	Total LMA Miles	however, U Rated Miles are present, so the Overall LMA					
Area 0005	M *	32.84	Rating is M instead of A.					
Rated Item		Maintena	nce Deficiency	Enforcement				& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.02		0.02	0.06%	0.09	0.11		
Trim / Thin Trees	0.19		0.19	0.58%				
Encroachments	0.04		0.04	0.12%	4.93	0.17		
Animal Control	0.02	0.01	0.06	0.18%				
Slope Stability	0.08	0.01	0.12	0.37%				
Erosion / Bank Caving	0.03	0.58	2.35	7.16%				
Supplemental								
DWR UCIP Field Study					0.18	0.02		
DWR UCIP LMA Responsibility								
LMA Totals:	0.38	0.60	2.78	8.47% *	5.20	0.30	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Butte Creek LB	Overall Unit Rating	Total Unit Miles						
MA0005	M	15.08						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		<u> </u>						
Vegetation	0.01		0.01	0.07%	0.09	0.11		
Trim / Thin Trees	0.16		0.16	1.06%				
Encroachments	0.01		0.01	0.07%	3.24	0.12		
Slope Stability	0.04		0.04	0.27%				
Erosion / Bank Caving	0.02	0.58	2.34	15.52%				
Supplemental		I						
DWR UCIP Field Study					0.07	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	0.24	0.58	2.56	16.98%	3.40	0.24	0.00	0.00
Unit No. 02 Butte Creek RB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
MA0005	M *	16.27	instead of A.					
	Maintenance Deficiency Enforcement						System scence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles U Miles		M Miles	U Miles
Earthen Levee		I						
Vegetation	0.01		0.01	0.06%				
Trim / Thin Trees	0.03		0.03	0.18%				
Encroachments	0.03		0.03	0.18%	1.69	0.05		
Animal Control	0.02	0.01	0.06	0.37%				
Slope Stability	0.04	0.01	0.08	0.49%				
Erosion / Bank Caving	0.01		0.01	0.06%				
Supplemental		T					T	
DWR UCIP Field Study					0.11			
DWR UCIP LMA Responsibility								
Unit Totals:	0.14	0.02	0.22	1.35% *	1.80	0.05	0.00	0.00
Unit No. 03 Little Chico Creek Diversion LB	Overall Unit Rating	Total Unit Miles						
MA0005	A	1.49						
Dated Itam	Maintenance Deficiency Enforcement				Design 8 Obsole	& System scence		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental		T	T T					
Supplemental  DWR UCIP Field Study	0.00	0.00	0.00	0.00%	0.00	0.01	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

MA0007	Overall LMA Rating	Total LMA Miles						
Sutter Maintenance Yard Maintenance Area 0007	U	11.90						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation		1.71	6.84	57.50%				
Trim / Thin Trees		0.01	0.04	0.34%				
Encroachments					0.98	1.74		
Supplemental								
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility								
LMA Totals:	0.00	1.72	6.88	57.84%	1.01	1.74	0.00	0.00

MA0009 Sacramento Maintenance Yard	Overall LMA Rating	Total LMA Miles	Overall LMA Threshold Percent is less than 10.00%;     however, U Rated Miles are present, so the Overall LMA     Rating is M instead of A.					
Maintenance Area 0009	M *	19.35						
Rated Item		Maintenance Deficiency				ement		& System escence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.12		0.12	0.62%	1.23	0.20		
Trim / Thin Trees	0.22	0.01	0.26	1.34%				
Encroachments	0.24		0.24	1.24%	3.44	0.24		
Animal Control	0.05		0.05	0.26%				
Slope Stability	0.17	0.01	0.21	1.09%				
Erosion / Bank Caving	0.10	0.01	0.14	0.72%				
Cracking							0.01	
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.39		0.39	2.02%				
DWR UCIP Field Study					0.75	0.14		
2017 Storm Damage	0.02		0.02	0.10%				
LMA Totals:	1.31	0.03	1.43	7.39% *	5.42	0.58	0.01	0.00

MA0012	Overall LMA	Total LMA						
Sutter Maintenance Yard Maintenance	Rating	Miles						
Area 0012	A	11.06						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.05	2.28		
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.01		0.01	0.09%				
DWR UCIP Field Study					0.07			
DWR UCIP LMA Responsibility								
LMA Totals:	0.01	0.00	0.01	0.09%	0.12	2.28	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

MA0013 Sutter Maintenance Yard Maintenance	Overall LMA Rating	Total LMA Miles	however, U	Threshold Perce Rated Miles are p instead of A.				
Area 0013	M *	41.03			C-fo	ement		& System
Rated Item	M Miles	U Miles	mce Deficiency M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIES	O IVIIIes	IVI + 40 IVIIIes	Tillesiloid /8	IVI IVIIICS	O ivilles	IVI IVIIICS	O Miles
Vegetation					0.13			
Trim / Thin Trees	0.36	0.01	0.40	0.97%				
Encroachments	0.03		0.03	0.07%	12.23	0.25		
Animal Control	0.03	0.02	0.11	0.27%				
Slope Stability	0.03		0.03	0.07%				
Erosion / Bank Caving	0.03		0.03	0.07%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.01		0.01	0.02%				
DWR UCIP Field Study					0.22	0.05		
DWR UCIP LMA Responsibility								
LMA Totals:	0.49	0.03	0.61	1.49% *	12.58	0.30	0.00	0.00
Unit No. 01 Cherokee Canal RB	Overall Unit Rating	Total Unit Miles	U Rated Mile	Threshold Percei				
MA0013	M *	18.19	instead of A.	•				
Date d No. o		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.07			
Trim / Thin Trees	0.04	0.01	0.08	0.44%				
Encroachments					3.12			
Animal Control	0.01		0.01	0.06%				
Slope Stability	0.02		0.02	0.11%				
Erosion / Bank Caving	0.01		0.01	0.06%				
Supplemental	0.04	I	0.04	0.000/				
2015 USACE Erosion Survey, DRAFT	0.01		0.01	0.06%	0.00	0.00		
DWR UCIP Field Study					0.09	0.02		
DWR UCIP LMA Responsibility	0.00	0.04	0.40	0.740/ #	0.00	0.00	0.00	0.00
Unit Totals:	0.09	0.01	0.13	0.71% *	3.28	0.02	0.00	0.00
Unit No. 02 Cherokee Canal LB	Overall Unit Rating M *	Total Unit Miles 22.84		Threshold Percei es are present, so				
MA0013	IVI "		D. C. :		Ι		Design 8	& System
Rated Item	NA NATIO		nce Deficiency	There als als love	Enforc		Obsole	scence
Faultain Laura	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation					0.06			
Trim / Thin Trees	0.32		0.32	1.40%	3.00			
Encroachments	0.03		0.03	0.13%	9.11	0.25		
Animal Control	0.02	0.02	0.10	0.44%	2	0		
Slope Stability	0.01		0.01	0.04%				
Erosion / Bank Caving	0.02		0.02	0.09%				
Supplemental				1 2 2 7 7 2				
DWR UCIP Field Study					0.13	0.03		
DWR UCIP LMA Responsibility								
Unit Totals:	0.40	0.02	0.48	2.10% *	9.30	0.28	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

MA0016 Sutter Maintenance Yard Maintenance	Overall LMA Rating	Total LMA Miles						
Area 0016	A	4.06						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.04			
Encroachments					0.24			
Supplemental								
DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility								
LMA Totals:	0.00	0.00	0.00	0.00%	0.29	0.00	0.00	0.00

MA0017 Sutter Maintenance Yard Maintenance	Overall LMA Rating	Total LMA Miles						
Area 0017	U	3.87						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.10		0.10	2.58%				
Trim / Thin Trees	0.02	2.94	11.78	304.03%				
Seepage / Sandboils								1.25
Supplemental								
DWR UCIP Field Study					0.02	0.02		
DWR UCIP LMA Responsibility								
LMA Totals:	0.12	2.94	11.88	306.61%	0.02	0.02	0.00	1.25

NA0001 American River Flood Control District	Overall LMA Rating	Total LMA Miles						
	A	34.47						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.04		0.04	0.12%	0.71	0.37		
Encroachments	0.02		0.02	0.06%	1.05	3.51		
Animal Control	0.05		0.05	0.15%				
Slope Stability	0.07		0.07	0.20%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.04		0.04	0.12%				
DWR UCIP Field Study					0.94	0.07		
LMA Totals:	0.22	0.00	0.22	0.64%	2.70	3.95	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Arcade Creek LB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	2.08						
<b>5</b>		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.01		0.01	0.48%	0.05	0.02		
Encroachments	0.01		0.0.	0070	0.30	0.26		
Animal Control	0.02		0.02	0.96%	0.00	0.20		
Slope Stability	0.01		0.01	0.48%				
Supplemental	0.01		0.01	0.4070				
DWR UCIP Field Study					0.09	0.02		
Unit Totals:	0.04	0.00	0.04	1.92%	0.44	0.30	0.00	0.00
Unit No. 02 Natomas E Canal LB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	3.93						
			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles
Earthen Levee	W Wiles	O IVIIICS	IVI 1 40 IVIIICS	THICSHOID 70	IVI IVIIICS	O WIIICS	IVI IVIIICS	O IVIIICS
Encroachments	0.02		0.02	0.51%	0.02			
Animal Control	0.01		0.01	0.25%				
Slope Stability	0.03		0.03	0.76%				
Supplemental								
DWR UCIP Field Study					0.09	0.01		
Unit Totals:	0.06	0.00	0.06	1.53%	0.11	0.01	0.00	0.00
Unit No. 03 American River RB	Overall Unit Rating	Total Unit Miles						
NA0001	A	2.86						
			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee					0.04	I	I	
Encroachments					0.01			
Supplemental  DWR UCIP Field Study					0.09			
Unit Totals:	0.00	0.00	0.00	0.00%	0.10	0.00	0.00	0.00
O'm Totalo.	0.00	0.00	0.00	0.0070	0.10	0.00	0.00	0.00
Unit No. 04 American River LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	10.86						_
Data d Itaaa		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.03		0.03	0.28%	0.55	0.20		
Encroachments					0.29	1.66		
Animal Control	0.01		0.01	0.09%				
Supplemental Supplemental	0.04			0.0751				
2015 USACE Erosion Survey, DRAFT	0.04		0.04	0.37%	0.00	0.00		
DWR UCIP Field Study	0.00	0.00	2.55	0.7.0	0.26	0.02	0.00	0.63
Unit Totals:	0.08	0.00	0.08	0.74%	1.10	1.88	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 05 Sacramento River LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0001	A	0.41					Design 8	System
Rated Item			nce Deficiency			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation					0.08	0.07		
Unit Totals:	0.00	0.00	0.00	0.00%	0.08	0.07	0.00	0.00
Offic Foldis.	0.00	0.00	0.00	0.0078	0.00	0.07	0.00	0.00
Unit No. 06 Linda Creek LB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	1.30						
		Maintena	nce Deficiency		Enforc	ement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Supplemental								
DWR UCIP Field Study					0.02			
Unit Totals:	0.00	0.00	0.00	0.00%	0.02	0.00	0.00	0.00
Unit No. 07 Arcade Creek RB	Overall Unit Rating	Total Unit Miles						
	A	1.93						
NA0001	A					Design 8	k System	
Rated Item	NA NATIO	1	nce Deficiency	Th h l . l . 0/			Obsole	scence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Vegetation					0.01	0.05		
Encroachments					0.05	0.19		
Animal Control	0.01		0.01	0.52%				
Slope Stability	0.01		0.01	0.52%				
Supplemental								
DWR UCIP Field Study					0.03	0.02		
Unit Totals:	0.02	0.00	0.02	1.04%	0.09	0.26	0.00	0.00
Unit No. 08 Magpie Creek Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0001	A	1.44						
		Maintena	nce Deficiency		Enforc	ement	Design 8	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee								
Vegetation						0.03		
Encroachments					0.36	0.56		
Supplemental								
DWR UCIP Field Study					0.02			
Unit Totals:	0.00	0.00	0.00	0.00%	0.38	0.59	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Helichte co American Direct DD	0	T-0-111-2						
Unit No. 09 American River RB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	4.20						
D		Maintena	nce Deficiency		Enford	cement	Design & Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation					0.01			
Encroachments						0.22		
Slope Stability	0.02		0.02	0.48%				
Supplemental							ı	
DWR UCIP Field Study					0.12			
Unit Totals:	0.02	0.00	0.02	0.48%	0.13	0.22	0.00	0.00
Unit No. 10 American River RB	Overall Unit Rating	Total Unit Miles						
NA0001	A	3.90						
		Maintena	nce Deficiency		Enforc	cement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	
Earthen Levee		•		71110011010 70		000		0 1111100
Encroachments					0.01	0.62		
Supplemental								
DWR UCIP Field Study					0.15			
Unit Totals:	0.00	0.00	0.00	0.00%	0.16	0.62	0.00	0.00
Unit No. 11 New Linda Creek LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0001	Α	0.73						
		Maintena	nce Deficiency		Enford	cement	Design 8 Obsole	k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental								
DWR UCIP Field Study					0.04			
Unit Totals:	0.00	0.00	0.00	0.00%	0.04	0.00	0.00	0.00
Unit No. 12 American River LB	Overall Unit Rating	Total Unit Miles						
NA0001	Α	0.84						
		Maintena	aintenance Deficiency Enforcement				Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.01			
Encroachments					0.01			
Supplemental								
DWR UCIP Field Study					0.03			
Unit Totals:	0.00	0.00	0.00	0.00%	0.05	0.00	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0002	Overall LMA Rating	Total LMA Miles						
Brannan Andrus Levee Maintenance District	U	17.55						
District			D-fi-i				Design 8	& System
Rated Item	NA NAILOS		nce Deficiency	Throphold 0/	Enforc		Obsole	scence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Vegetation	0.27	0.48	2.19	12.48%	0.06	0.37		
Trim / Thin Trees	0.80	0.53	2.92	16.63%	0.02			
Encroachments	0.11	0.03	0.23	1.31%	0.25	0.21		
Animal Control	0.02		0.02	0.11%				
Slope Stability	0.05		0.05	0.29%				
Erosion / Bank Caving	0.02		0.02	0.11%				
Crown Surface / Depressions / Rutting	0.02		0.02	0.11%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.34	0.74	3.30	18.80%				
DWR UCIP Field Study					0.44	0.05		
DWR UCIP LMA Responsibility								
LMA Totals:	1.63	1.78	8.75	49.85%	0.77	0.63	0.00	0.00
Unit No. 01 Georgiana Slough RB	Overall Unit Rating	Total Unit Miles						
NA0002	M	6.01						
			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.02	0.17	0.70	11.64%	0.05	0.10		
Trim / Thin Trees	0.02	0.02	0.70	3.49%	0.03	0.10		
Encroachments	0.13	0.02	0.21	0.17%	0.13			
Animal Control	0.01		0.01	0.17%	0.13			
Slope Stability	0.01		0.01	0.17%				
Crown Surface / Depressions / Rutting	0.02		0.02	0.33%				
Supplemental	0.02		0.02	0.5578				
DWR UCIP Field Study					0.14	0.03		
Unit Totals:	0.21	0.19	0.97	16.13%	0.32	0.13	0.00	0.00
Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
NA0002	U	11.54						
NA0002			nce Deficiency		Enforce	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	0001100
<u>Earthen Levee</u> Vegetation	0.25	0.24	1.49	12.91%	0.01	0.27		
Trim / Thin Trees	0.25 0.67	0.31	2.71	23.48%	0.01	0.27		
Encroachments	0.67	0.03	0.22	1.91%		0.21		
		0.03			0.12	0.21		
Animal Control	0.01		0.01	0.09%				
Slope Stability	0.03		0.03	0.26%				
Erosion / Bank Caving	0.02		0.02	0.17%				
Supplemental 2015 USACE Erosion Survey, DRAFT	0.34	0.74	3.30	28.59%				
DWR UCIP Field Study			2.00		0.30	0.02		
DWR UCIP LMA Responsibility					1.00			
Unit Totals:	1.42	1.59	7.78	67.41%	0.45	0.50	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0003  Butte County Department of Public	Overall LMA Rating	Total LMA Miles						
Works	M	23.78						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.30	0.09	1.66	6.98%	0.13	0.04		
Trim / Thin Trees	0.64	0.04	0.80	3.36%				
Encroachments	0.02		0.02	0.08%	0.57	0.58		
Animal Control	0.02		0.02	0.08%				
Slope Stability	0.06	0.01	0.10	0.42%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.06		0.06	0.25%				
DWR UCIP Field Study					0.10			
DWR UCIP LMA Responsibility								
LMA Totals:	2.10	0.14	2.66	11.18%	0.80	0.62	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Mud Creek RB	Overall Unit Rating	Total Unit Miles	U Rated Mile	es are present, so	nt is less than 10.00%; however, o the Overall Unit Rating is M				
NA0003	M *	6.80	instead of A.						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee	0.00	0.00	0.10	0.470/	0.40	0.04	1	I	
Vegetation	0.06	0.09	0.42	6.17%	0.13	0.04			
Trim / Thin Trees	0.01		0.01	0.15%					
Encroachments					0.27	0.08			
Animal Control	0.02		0.02	0.29%					
Supplemental 2015 USACE Erosion Survey, DRAFT	0.06		0.06	0.88%					
DWR UCIP Field Study	0.00		0.00	0.0070	0.03				
DWR UCIP LMA Responsibility					0.00				
Unit Totals:	0.15	0.09	0.51	7.50% *	0.43	0.12	0.00	0.00	
O'iii Totais.		0.03	0.51	7.50%	0.43	0.12	0.00	0.00	
Unit No. 02 Mud Creek LB	Overall Unit Rating	Total Unit Miles							
NACCOO	A	7.96							
NA0003			D-fi-i		- Furface			& System	
Rated Item	NA NAH	1	nce Deficiency	Thursday 0/		ement		scence	
Forthern Laure	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee Vegetation	0.06		0.06	0.75%					
Trim / Thin Trees	0.20		0.20	2.51%					
Encroachments	0.20		0.20	2.0.70	0.08	0.32			
Slope Stability	0.02		0.02	0.25%	0.00	0.02			
Supplemental	0.02		0.02	0.2070					
DWR UCIP Field Study					0.02				
DWR UCIP LMA Responsibility									
Unit Totals:	0.28	0.00	0.28	3.52%	0.10	0.32	0.00	0.00	
Unit No. 02A Channel Slough LB	Overall Unit	Total Unit			•			•	
one nor ozat onamor orough zz	Rating	Miles							
NA0003	Α	0.26							
			nce Deficiency		Enforc	ement	Design 8	& System	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
No Items	IVI IVIIICS	O WIIICO	W 1 40 Willes	THICOHOLD 70	IVI IVIIICS	O IVIIICO	IVI IVIIICS	O WINGS	
Unit Totals:	0.00	0.00	0.00	0.00%					
			0.00	0.0070					
Unit No. 03 Sycamore and Sheep Hollow Creeks RB	Overall Unit Rating	Total Unit Miles							
NA0003	A	4.05							
140003	7.		nce Deficiency		Enforce	ement		& System	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	U Miles	
Earthen Levee		C			711.1711100	200		O .moc	
Vegetation	0.01		0.01	0.25%					
Trim / Thin Trees	0.01		0.01	0.25%					
Slope Stability	0.02		0.02	0.49%					
Supplemental		1							
DWR UCIP Field Study					0.03				
DWR UCIP LMA Responsibility									
Unit Totals:	0.04	0.00	0.04	0.99%	0.03	0.00	0.00	0.00	

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Sycamore and Dry Creeks	Overall Unit							
RB	Rating	Miles						
NA0003	M	2.86						
Rated Item		Maintena	nce Deficiency		Enforc	cement	Design 8 Obsole	& System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee						1	1	T
Vegetation	0.03		0.03	1.05%				
Trim / Thin Trees	0.10	0.04	0.26	9.08%				
Encroachments					0.21	0.18		
Supplemental DWB LICID Field Study			 		0.01	I	I	I
DWR UCIP Field Study  DWR UCIP LMA Responsibility					0.01			
Unit Totals:	0.13	0.04	0.29	10.13%	0.22	0.18	0.00	0.00
Unit rotals.	0.13	0.04	0.29	10.13%	0.22	0.16	0.00	0.00
Unit No. 05 Big Chico Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0003	U	1.85						
		Maintena	nce Deficiency		Enforc	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee						1	1	
Vegetation	1.14		1.14	61.77%				
Trim / Thin Trees	0.32		0.32	17.34%				
Encroachments	0.02		0.02	1.08%	0.01			
Slope Stability	0.02	0.01	0.06	3.25%				
Supplemental Supplemental	I		T		0.04	I	I	I
DWR UCIP Field Study	4.50	0.04	4.54	00.440/	0.01	0.00	0.00	0.00
Unit Totals:	1.50	0.01	1.54	83.44%	0.02	0.00	0.00	0.00
NA0004 Marysville Levee Commission	Overall LMA Rating	Total LMA Miles						
,	A	11.27						
		Maintena	nce Deficiency		Enforc	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.09%				
Encroachments					0.10		0.22	
Animal Control	0.01		0.01	0.09%				
Slope Stability	0.09		0.09	0.80%				
Erosion / Bank Caving	0.01		0.01	0.09%				
Supplemental	T		T	Ĭ		1	1	
DWR UCIP Field Study					0.18			
LMA Totals:	0.12	0.00	0.12	1.07%	0.28	0.00	0.22	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

	1	1						
Unit No. 01 Simmerly Slough LB	Overall Unit Rating	Total Unit Miles						
NA0004	Α	3.23						
D 4 116		Maintena	nce Deficiency		Enforc	cement		System scence
Rated Item  Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Encroachments							0.22	
DWR UCIP Field Study					0.04			
Unit Totals:	0.00	0.00	0.00	0.00%	0.04	0.00	0.22	0.00
Unit No. 02 Feather River LB	Overall Unit Rating	Total Unit Miles						
NA0004	Α	1.25						
5		Maintena	nce Deficiency		Enforc	cement		k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee Animal Control	0.01		0.01	0.80%				
Slope Stability	0.03		0.03	2.41%				
Supplemental	0.00		0.00	2.1170				
DWR UCIP Field Study					0.02			
Unit Totals:	0.04	0.00	0.04	3.21%	0.02	0.00	0.00	0.00
Unit No. 03 Yuba River RB	Overall Unit Rating	Total Unit Miles						
NA0004	A	6.79						
D		Maintena	nce Deficiency		Enforc	cement		k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			I			ı	ı	
Vegetation	0.01		0.01	0.15%				
Encroachments					0.10			
Slope Stability	0.06		0.06	0.88%				
Erosion / Bank Caving	0.01		0.01	0.15%				
Supplemental  DWR UCIP Field Study					0.12			
Unit Totals:	0.08	0.00	0.08	1.18%	0.12	0.00	0.00	0.00
O'm Totais.	0.00	0.00	0.00	1.1070	0.22	0.00	0.00	0.00
NA0005 City of Sacramento	Overall LMA Rating	Total LMA Miles						
City of Sacramento	U	3.67						
			nce Deficiency		Enforc	cement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles
	IVI IVIIICS	O Willes	IVI T 40 IVIIICS	Tillesiloid 76	IVI IVIIICS	O Miles	IVI IVIIICS	O Miles
Farthen Levee	l .							
Earthen Levee Trim / Thin Trees	0.72		0.72	19.60%				
	0.72 0.01		0.72 0.01	19.60% 0.27%	0.01			
Trim / Thin Trees					0.01			
Trim / Thin Trees Encroachments	0.01		0.01	0.27%	0.01			
Trim / Thin Trees Encroachments Animal Control	0.01		0.01	0.27%	0.01			
Trim / Thin Trees Encroachments Animal Control Supplemental	0.01 0.02		0.01 0.02	0.27% 0.54%	0.01	0.01		

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0006 Eastern Honcut Creek	Overall LMA Rating	Total LMA Miles						
	U	1.46						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	M Miles U Miles		U Miles
Earthen Levee								
Vegetation	1.38	1.00	5.38	369.61%				
Trim / Thin Trees	0.02	0.02	0.10	6.87%				
Encroachments					0.79			
Crown Surface / Depressions / Rutting		0.64	2.56	175.87%				
Operations & Maintenance Manuals	0.01		0.01	0.69%				
Emergency Supplies & Equipment	0.01		0.01	0.69%				
Flood Preparedness & Training	0.01		0.01	0.69%				
Supplemental								
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility								
LMA Totals:	1.44	1.66	8.08	555.10%	0.82	0.00	0.00	0.00

NA0008	Overall LMA	Total LMA						
Knights Landing Ridge Drainage	Rating	Miles						
District	M	12.39						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					1.17			
Animal Control	0.14		0.14	1.13%				
Erosion / Bank Caving	0.02	0.01	0.06	0.48%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	1.43		1.43	11.54%				
DWR UCIP Field Study					0.09	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	1.59	0.01	1.63	13.16%	1.26	0.01	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Knights Landing Ridge Cut	Overall Unit	Total Unit	+ Overall Unit	Throshold Doros	nt in long th	an 10 00%	: however	
RB	Rating	Miles		Threshold Percer es are present, so				
NA0008	M *	6.36	instead of A.					
		Maintena	nce Deficiency		Enforc	ement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments					0.95			
Animal Control	0.13		0.13	2.05%				
Erosion / Bank Caving	0.02	0.01	0.06	0.94%				
Supplemental		T	I					
2015 USACE Erosion Survey, DRAFT	0.15		0.15	2.36%				
DWR UCIP Field Study					0.06			
DWR UCIP LMA Responsibility								
Unit Totals:	0.30	0.01	0.34	5.35% *	1.01	0.00	0.00	0.00
Unit No. 02 Knights Landing Ridge Cut	Overall Unit	Total Unit						
LB	Rating	Miles						
NA0008	U	6.03						
		Maintena	nce Deficiency		Enforc	ement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.22			
Animal Control	0.01		0.01	0.17%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	1.28		1.28	21.22%				
DWR UCIP Field Study					0.03	0.01		
Unit Totals:	1.29	0.00	1.29	21.39%	0.25	0.01	0.00	0.00
NACCOO	Overall LMA	Total LMA						
NA0009  Lake County Watershed Protection	Rating	Miles						
District	M	9.89						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.23	0.07	0.51	5.15%	0.11	0.06		
Trim / Thin Trees	0.42		0.42	4.25%				
Encroachments	0.02		0.02	0.20%	0.80	0.18		
Animal Control	0.01		0.01	0.10%				
Slope Stability	0.04		0.04	0.40%				
Supplemental				21.070				
DWR UCIP Field Study					0.10	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	0.72	0.07	1.00	10.11%	1.01	0.25	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Middle Creek LB	Overall Unit	Total Unit						
one no. or initially order 25	Rating	Miles						
NA0009	M	3.35	-					
		Maintena	nce Deficiency		Enforc	ement		System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.18	0.07	0.46	13.73%	0.08			
Trim / Thin Trees	0.15		0.15	4.48%				
Encroachments					0.51	0.02		
Slope Stability	0.04		0.04	1.19%				
Supplemental		1						
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
Unit Totals:	0.37	0.07	0.65	19.40%	0.61	0.02	0.00	0.00
Unit No. 02 Middle Creek RB	Overall Unit	Total Unit						
	Rating	Miles						
NA0009	A	2.66						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.02		0.02	0.75%				
Trim / Thin Trees	0.19		0.19	7.13%				
Encroachments	0.02		0.02	0.75%	0.21	0.04		
Supplemental		1						
DWR UCIP Field Study					0.05	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	0.23	0.00	0.23	8.64%	0.26	0.05	0.00	0.00
Unit No. 03 Scotts Creek LB	Overall Unit Rating	Total Unit Miles						
NA0009	A	1.36						
D		Maintena	nce Deficiency		Enforc	ement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.02		0.02	1.47%		0.06		
Trim / Thin Trees	0.06		0.06	4.41%				
Encroachments						0.12		
Supplemental								
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
Unit Totals:	0.08	0.00	0.08	5.88%	0.02	0.18	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Page, Alley and Clover Creek Diversion RB	Overall Unit Rating	Total Unit Miles						
NA0009	A	1.49						
Dated Here		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							1	
Vegetation	0.04		0.04	0.070/	0.03			
Trim / Thin Trees Encroachments	0.01		0.01	0.67%	0.07			
Animal Control	0.01		0.01	0.67%	0.07			
Supplemental Supplemental	0.01		0.01	0.07 /8				
DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility								
Unit Totals:	0.02	0.00	0.02	1.35%	0.11	0.00	0.00	0.00
Unit No. 05 Clover Creek and Clover Creek Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0009	Α	1.03						
Details		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee						<u> </u>	1	
Vegetation	0.01		0.01	0.97%				
Trim / Thin Trees	0.01		0.01	0.97%	0.04			
Encroachments					0.01			
DWR UCIP LMA Responsibility								
Unit Totals:	0.02	0.00	0.02	1.94%	0.01	0.00	0.00	0.00
					!		-	
NA0012	Overall LMA	Total LMA Miles						
Solano County Public Works Mellin	Rating U	0.59						
Levee	U		5 " :		- <i>,</i>		Design 8	& System
Rated Item	M Miles	U Miles	nce Deficiency M + 4U Miles	Throphold 0/	M Miles	U Miles		escence
Earthen Levee	IVI IVIIIeS	U ivilles	IVI + 40 IVIIIeS	Threshold %	IVI IVIIIes	U ivilles	M Miles	U Miles
Vegetation	0.38		0.38	64.09%				
Encroachments					0.74			
LMA Totals:	0.38	0.00	0.38	64.09%	0.74	0.00	0.00	0.00
NA0015	Overall LMA	Total LMA Miles						
Plumas County	Rating U	3.25						
	U		D-f-:		L _ (		Design 8	& System
Rated Item	NA NA:1		nce Deficiency	Throok ald C		ement	Obsole	escence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Vegetation	6.50		6.50	200.01%				
Encroachments	0.02		0.02	0.62%	0.03	0.09		
Slope Stability	0.05		0.05	1.54%				
Supplemental								
DWR UCIP Field Study					0.02			
LMA Totals:	6.57	0.00	6.57	202.17%	0.05	0.09	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### Sacramento River Basin (cont.)

Unit No. 01 North Fork Feather River LB	Overall Unit	Total Unit						
Unit No. 01 North Fork Feather River Lb	Rating	Miles						
NA0015	U	1.89						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		I						
Vegetation	3.78		3.78	199.81%				
Encroachments	0.02		0.02	1.06%	0.02	0.09		
Slope Stability	0.02		0.02	1.06%				
Supplemental	T	T	I					
DWR UCIP Field Study					0.01			
Unit Totals:	3.82	0.00	3.82	201.93%	0.03	0.09	0.00	0.00
Unit No. 02 North Fork Feather River RB	Overall Unit Rating	Total Unit Miles						
NA0015	U	1.36						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		l						
Vegetation	2.72		2.72	200.29%				
Encroachments					0.01			
Slope Stability	0.03		0.03	2.21%				
Supplemental		<b>'</b>						
DWR UCIP Field Study					0.01			
Unit Totals:	2.75	0.00	2.75	202.50%	0.02	0.00	0.00	0.00
NA0016	Overall LMA	Total LMA						
Sacramento River West Side Levee	Rating	Miles						
District	A	49.64						
B		Maintena	nce Deficiency		Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		U Miles
Earthen Levee	0.04		0.04	0.000/	0.47			
Vegetation	0.01		0.01	0.02%	0.17			
Trim / Thin Trees	0.18		0.18	0.36%	0.00	0.04		
Encroachments	0.12		0.12	0.24%	6.02	0.01		
Animal Control	0.02		0.02	0.04%				
Supplemental 2015 USACE Erosion Survey, DRAFT	0.32		0.32	0.65%				
DWR UCIP Field Study	0.02		0.02	0.0070	0.33	0.02		
·					0.00	0.02		
DM/P HCIP LMA Pochoncibility								
DWR UCIP LMA Responsibility	0.65	0.00	0.65	1 210/	6.50	0.02	0.00	0.00
DWR UCIP LMA Responsibility  LMA Totals:	0.65	0.00	0.65	1.31%	6.52	0.03	0.00	0.00
LMA Totals:	0.65 Overall LMA	0.00	0.65	1.31%	6.52	0.03	0.00	0.00
LMA Totals:			0.65	1.31%	6.52	0.03	0.00	0.00
LMA Totals:	Overall LMA	Total LMA	0.65	1.31%	6.52	0.03	0.00	0.00
LMA Totals:  NA0018  California Department of Fish and Game Shea Levee	Overall LMA Rating	Total LMA Miles 0.30	0.65	1.31%		0.03	Design 8	& System
LMA Totals:  NA0018  California Department of Fish and	Overall LMA Rating	Total LMA Miles 0.30		1.31% Threshold %	Enforc		Design 8 Obsole	& System scence
LMA Totals:  NA0018  California Department of Fish and Game Shea Levee	Overall LMA Rating U	Total LMA Miles 0.30 Maintena	nce Deficiency			cement	Design 8	& System scence
LMA Totals:  NA0018  California Department of Fish and Game Shea Levee  Rated Item	Overall LMA Rating U	Total LMA Miles 0.30 Maintena	nce Deficiency		Enforc	cement	Design 8 Obsole	& System scence
LMA Totals:  NA0018  California Department of Fish and Game Shea Levee  Rated Item  Earthen Levee	Overall LMA Rating U	Total LMA Miles 0.30 Maintena	nce Deficiency M + 4U Miles	Threshold %	Enforc	cement	Design 8 Obsole	& System scence
LMA Totals:  NA0018  California Department of Fish and Game Shea Levee  Rated Item  Earthen Levee  Vegetation	Overall LMA Rating U  M Miles	Total LMA Miles 0.30 Maintena	nce Deficiency M + 4U Miles  0.60	Threshold %	Enforc	cement	Design 8 Obsole	& System scence
NA0018 California Department of Fish and Game Shea Levee  Rated Item  Earthen Levee  Vegetation  Trim / Thin Trees	Overall LMA Rating U  M Miles  0.60 0.30	Total LMA Miles 0.30 Maintena	nce Deficiency M + 4U Miles  0.60 0.30	Threshold % 199.72% 99.86%	Enforc	cement	Design 8 Obsole	& System scence

0.00

0.92

0.92

306.24%

0.00

0.00

0.00

LMA Totals:

0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0019 Tehama County Flood Control and	Overall LMA Rating	Total LMA Miles						
Water Conservation District Tehama	M	13.97						
County Fld Control & Water Cons Dist		•						
Rated Item	Maintenance Deficiency Enf				Enforc	ement	Design 8 Obsole	System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.34		1.34	9.59%	0.05			
Trim / Thin Trees	0.03		0.03	0.22%				
Encroachments	0.06		0.06	0.43%	0.45	1.17		
Animal Control	0.12	0.01	0.16	1.15%				
Slope Stability	0.19		0.19	1.36%				
Erosion / Bank Caving	0.13	0.06	0.37	2.65%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.09		0.09	0.64%				
DWR UCIP Field Study					0.15			
DWR UCIP LMA Responsibility								
LMA Totals:	1.96	0.07	2.24	16.04%	0.65	1.17	0.00	0.00

## **Fall 2017 Levee Maintenance Deficiency Summary Report**

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Deer Creek LB	Overall Unit			Threshold Percei				
	Rating M *	Miles	U Rated Mile instead of A	es are present, so	the Overa	II Unit Ratii	ng is M	
NA0019	IVI "	4.22	5.0.				Design 8	& System
Rated Item	NA NAILee	1	nce Deficiency	Threshold %		ement U Miles	Obsole	scence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U ivilles	M Miles	U Miles
Vegetation	0.04		0.04	0.95%				
Encroachments	0.01		0.01	0.24%	0.25	1.17		
Animal Control		0.01	0.04	0.95%				
Slope Stability	0.05		0.05	1.18%				
Erosion / Bank Caving	0.04	0.03	0.16	3.79%				
Supplemental		<b>'</b>					<u>'</u>	
2015 USACE Erosion Survey, DRAFT	0.02		0.02	0.47%				
DWR UCIP Field Study					0.10			
DWR UCIP LMA Responsibility								
Unit Totals:	0.16	0.04	0.32	7.57% *	0.35	1.17	0.00	0.00
Unit No. 02 Deer Creek RB	Overall Unit Rating	Total Unit Miles						
NA0019	U	1.89						
		Maintena	nce Deficiency		Enforc	ement	nent Design & S Obsolesc	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		<b>'</b>						
Vegetation	0.71		0.71	37.59%				
Trim / Thin Trees	0.01		0.01	0.53%				
Encroachments	0.03		0.03	1.59%	0.06			
Erosion / Bank Caving	0.08		0.08	4.24%				
Supplemental 2015 USACE Erosion Survey, DRAFT	0.05		0.05	2.65%				
DWR UCIP Field Study	0.00		0.00	2.0370	0.01			
DWR UCIP LMA Responsibility					0.01			
Unit Totals:	0.88	0.00	0.88	46.59%	0.07	0.00	0.00	0.00
Unit No. 04 Elder Creek LB	Overall Unit Rating	Total Unit	0.00	10.00 /0	0.07	0.00	0.00	0.00
NA0019	Α	3.98						
		Maintena	nce Deficiency		Enforc	ement	Design 8	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee		•	/ 100	11001.01.0 70		•	1	000
Vegetation	0.12		0.12	3.01%				
Trim / Thin Trees	0.01		0.01	0.25%				
Encroachments	0.02		0.02	0.50%	0.12			
Animal Control	0.01		0.01	0.25%				
Slope Stability	0.14		0.14	3.52%				
Supplemental					0.00			
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility	0.00	0.00	0.00	7.500/	0.44	0.00	0.00	0.00
Unit Totals:	0.30	0.00	0.30	7.53%	0.14	0.00	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 05 Elder Creek RB	Overall Unit Rating	Total Unit Miles						
NA0019	M	3.87						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							,	
Vegetation	0.47		0.47	12.14%	0.05			
Trim / Thin Trees	0.01		0.01	0.26%				
Encroachments					0.02			
Animal Control	0.11		0.11	2.84%				
Erosion / Bank Caving	0.01	0.03	0.13	3.36%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.02		0.02	0.52%				
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
Unit Totals:	0.62	0.03	0.74	19.11%	0.09	0.00	0.00	0.00

NA0021 Yolo County Department of Natural	Overall LMA Rating	Total LMA Miles						
Resources	U	0.59						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.02	0.10	0.42	71.57%				
Trim / Thin Trees	0.01		0.01	1.70%				
Encroachments	0.02		0.02	3.41%	0.01			
Animal Control	0.03	0.01	0.07	11.93%				
Slope Stability	0.01		0.01	1.70%				
Supplemental								
DWR UCIP Field Study					0.01			
LMA Totals:	0.09	0.11	0.53	90.31%	0.02	0.00	0.00	0.00

NA0022	Overall LMA	Total LMA						
Yolo County Service Area 6	Rating	Miles						
	U	5.87						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.93	0.37	3.41	58.13%	0.01	0.15		
Trim / Thin Trees	0.79	0.01	0.83	14.15%				
Encroachments	0.19		0.19	3.24%	1.15	0.01		
Animal Control	0.10	0.19	0.86	14.66%				
Slope Stability	0.03		0.03	0.51%				
Erosion / Bank Caving	0.03	0.01	0.07	1.19%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.48		0.48	8.18%				
DWR UCIP Field Study					0.19	0.04		
LMA Totals:	3.55	0.58	5.87	100.06%	1.35	0.20	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0003 Reclamation District No. 0003 Grand Island	Overall LMA Rating M *	Total LMA Miles 28.73	Overall LMA Threshold Percent is less than 10.00%;     however, U Rated Miles are present, so the Overall LMA     Rating is M instead of A.					
5 . 16		Maintena	Congress Deficiency Enforcement Des					System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.17	0.09	0.53	1.84%	1.01	2.22		
Trim / Thin Trees	0.41	0.06	0.65	2.26%				
Encroachments	0.06	0.09	0.42	1.46%	0.68	0.08		
Animal Control	0.02		0.02	0.07%				
Slope Stability	0.02		0.02	0.07%				
Erosion / Bank Caving	0.01		0.01	0.04%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.24		0.24	0.84%				
DWR UCIP Field Study					0.69	0.07		
LMA Totals:	0.93	0.24	1.89	6.58% *	2.38	2.37	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

acramento River Basin (Cont.)		l <b>–</b>						
Unit No. 01 Left Bank Steamboat Slough LB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
RD0003	M *	10.95	instead of A.				_	
			nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	l	I	1				I	
Vegetation	0.13		0.13	1.19%	0.10	1.08		
Trim / Thin Trees	0.01		0.01	0.09%				
Encroachments	0.04	0.04	0.20	1.83%	0.07	0.03		
Slope Stability	0.02		0.02	0.18%				
Erosion / Bank Caving	0.01		0.01	0.09%				
Supplemental		1						
2015 USACE Erosion Survey, DRAFT	0.15		0.15	1.37%				
DWR UCIP Field Study					0.24	0.01		
Unit Totals:	0.36	0.04	0.52	4.75% *	0.41	1.12	0.00	0.00
Unit No. 02 Right Bank Sacramento River RB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
RD0003	M *	17.35 instead of A.						& System escence
	Maintenance Deficiency				Enforc	ement		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			1					
Vegetation	0.04	0.09	0.40	2.31%	0.91	1.14		
Trim / Thin Trees	0.37	0.06	0.61	3.52%				
Encroachments	0.02	0.05	0.22	1.27%	0.56	0.05		
Animal Control	0.02		0.02	0.12%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.09		0.09	0.52%				
DWR UCIP Field Study					0.45	0.06		
Unit Totals:	0.54	0.20	1.34	7.72% *	1.92	1.25	0.00	0.00
Unit No. 03 Cross Levee	Overall Unit Rating	Total Unit Miles						
RD0003	A	0.43						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Natou nom	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Trim / Thin Trees	0.03		0.03	6.90%				
Encroachments					0.05			
Unit Totals:	0.03	0.00	0.03	6.90%	0.05	0.00	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0010 Reclamation District No. 0010 Honcut	Overall LMA Rating	Total LMA Miles						
	M	21.82						
Rated Item		Maintena	ance Deficiency Enforcement				Design & System Obsolescence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.37		1.37	6.28%	0.02			
Trim / Thin Trees	0.37		0.37	1.70%				
Encroachments					5.30			
Animal Control	0.48	0.02	0.56	2.57%				
Slope Stability	0.01		0.01	0.05%				
Supplemental								
DWR UCIP Field Study					0.29	0.02		
DWR UCIP LMA Responsibility								
LMA Totals:	2.23	0.02	2.31	10.59%	5.61	0.02	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Simmerly Slough RB	Overall Unit	Total Unit							
Onit No. 01 Simmerly Slough RB	Rating	Miles							
RD0010	M	7.65							
KD0010			nas Deficiency		Enforc		Design 8	& System	
Rated Item	M Miles	U Miles	nce Deficiency M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles	
Earthen Levee	IVI IVIIICS	O ivilles	IVI + 40 IVIIIes	Tillesiloid /6	IVI IVIIICS	O Miles	IVI IVIIICS	O Miles	
Vegetation	0.18		0.18	2.35%					
Trim / Thin Trees	0.34		0.34	4.44%					
Encroachments					0.66				
Animal Control	0.38	0.01	0.42	5.49%					
Slope Stability	0.01		0.01	0.13%					
Supplemental									
DWR UCIP Field Study					0.17	0.02			
DWR UCIP LMA Responsibility									
Unit Totals:	0.91	0.01	0.95	12.42%	0.83	0.02	0.00	0.00	
Unit No. 02 Feather River LB	Overall Unit	Total Unit	* Overall Unit	Threshold Percer	nt is lose th	an 10 00%	· however		
	Rating	Miles	U Rated Mile	es are present, so		he Overall Unit Rating is M			
RD0010	M *	11.36	instead of A.						
		Maintena	nce Deficiency		Enforc	ement		& System scence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles		
Earthen Levee		l							
Vegetation	0.01		0.01	0.09%	0.02				
Trim / Thin Trees	0.03		0.03	0.26%					
Encroachments					4.49				
Animal Control	0.09	0.01	0.13	1.14%					
Supplemental		I					T		
DWR UCIP Field Study					0.11				
DWR UCIP LMA Responsibility									
Unit Totals:	0.13	0.01	0.17	1.50% *	4.62	0.00	0.00	0.00	
Unit No. 03 Honcut Creek LB	Overall Unit Rating	Total Unit Miles							
RD0010	U	2.81							
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	1.18		1.18	42.03%					
Encroachments					0.15				
Animal Control	0.01		0.01	0.36%					
Supplemental Supplemental			 		0.01				
DWR UCIP Field Study					0.01				
DWR UCIP LMA Responsibility	1.10	0.00	4.40	10.000/	0.40	0.00	0.00	0.00	
Unit Totals:	1.19	0.00	1.19	42.39%	0.16	0.00	0.00	0.00	

# Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0070	Overall LMA	Total LMA						
Reclamation District No. 0070 Meridian	Rating	Miles						
	A	23.41						
Detect Horse		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Trim / Thin Trees	0.04		0.04	0.17%				
Encroachments	0.02		0.02	0.09%	1.68	0.18		
Animal Control	0.04		0.04	0.17%				
Slope Stability	0.03		0.03	0.13%				
Supplemental	ı		I					
2015 USACE Erosion Survey, DRAFT	0.13		0.13	0.56%				
DWR UCIP Field Study					0.57	0.02		
LMA Totals:	0.26	0.00	0.26	1.11%	2.25	0.20	0.00	0.00
Unit No. 01 Sutter Bypass RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0070	Α	7.92						
		Enforc	ement	Design & Obsole	& System			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.02		0.02	0.25%	0.12			
Animal Control	0.02		0.02	0.25%				
Slope Stability	0.02		0.02	0.25%				
Supplemental	ı		I				T	
DWR UCIP Field Study					0.20			
Unit Totals:	0.06	0.00	0.06	0.76%	0.32	0.00	0.00	0.00
Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD0070	A	15.50						
		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Trim / Thin Trees	0.04		0.04	0.26%				
Encroachments					1.56	0.18		
Animal Control	0.02		0.02	0.13%				
Slope Stability	0.01		0.01	0.07%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.13		0.13	0.84%				
DWR UCIP Field Study					0.37	0.02		
Unit Totals:	0.20	0.00	0.20	1.29%	1.93	0.20	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0108	Overall LMA Rating	Total LMA Miles						
Reclamation District No. 0108 River Farms	A	20.92						
			nce Deficiency		Enforc	ement	Design & Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments	0.03		0.03	0.14%	0.37			
Animal Control	0.01		0.01	0.05%				
Supplemental		ı	<u> </u>					
2015 USACE Erosion Survey, DRAFT	0.07		0.07	0.34%				
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility								
LMA Totals:	0.11	0.00	0.11	0.53%	0.40	0.00	0.00	0.00
Unit No. 01 Colusa Basin Drain LB	Overall Unit Rating	Total Unit Miles						
RD0108	Α	20.64						
5	Maintenance Deficiency				Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments	0.03		0.03	0.15%	0.37			
Animal Control	0.01		0.01	0.05%				
Supplemental		I						
2015 USACE Erosion Survey, DRAFT	0.07		0.07	0.34%				
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility								
Unit Totals:	0.11	0.00	0.11	0.53%	0.40	0.00	0.00	0.00
Unit No. 02 Castle Properties RB	Overall Unit Rating	Total Unit Miles						
RD0108	Α	0.28						
B	Maintenance Deficiency			Enforc	ement	Design 8 Obsole		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0150 Reclamation District No. 0150 Merrit Island	Overall LMA Rating M *	Total LMA Miles 17.74	Overall LMA Threshold Percent is less than 10.00%;     however, U Rated Miles are present, so the Overall LMA     Rating is M instead of A.					
Dated Item		Maintena	Maintenance Deficiency Enforcement					& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.19		0.19	1.07%	0.52	0.82		
Trim / Thin Trees	0.01	0.01	0.05	0.28%				
Encroachments	0.10		0.10	0.56%	0.59	0.03		
Animal Control	0.02	0.02	0.10	0.56%				
Slope Stability	0.07	0.01	0.11	0.62%			0.01	
Erosion / Bank Caving	0.08	0.01	0.12	0.68%			0.03	
Crown Surface / Depressions / Rutting	0.01		0.01	0.06%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.05		0.05	0.28%				
DWR UCIP Field Study					0.27	0.04		
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.03		0.03	0.17%				
LMA Totals:	0.56	0.05	0.76	4.28% *	1.38	0.89	0.04	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Suttor Slough I P	Overall Unit	Total Unit							
Unit No. 01 Sutter Slough LB	Rating	Miles							
RD0150	A	0.52							
100100	7.		nce Deficiency		Enforc	ement		& System	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles	
Supplemental	W Wiles	O WIIIC3	IVI 1 40 IVIIICS	THICSHOID 70	IVI IVIIICS	O IVIIICS	IVI IVIIICS	O WIIICS	
2015 USACE Erosion Survey, DRAFT	0.05		0.05	9.63%					
Unit Totals:	0.05	0.00	0.05	9.63%	0.00	0.00	0.00	0.00	
Unit No. 02 Sacramento River RB	Overall Unit Rating	Total Unit Miles	U Rated Mile	es are present, so	nt is less than 10.00%; however, o the Overall Unit Rating is M				
RD0150	M *	7.81	instead of A.						
2		Maintena	nce Deficiency		Enforc	Enforcement Design & System Obsolescence			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles		
Earthen Levee									
Vegetation	0.17		0.17	2.18%	0.31	0.48			
Encroachments	0.04		0.04	0.51%	0.09	0.02			
Slope Stability	0.03	0.01	0.07	0.90%					
Erosion / Bank Caving	0.02		0.02	0.26%					
Supplemental	l		I			I	ı		
DWR UCIP Field Study					0.16	0.02			
DWR UCIP LMA Responsibility									
Unit Totals:	0.26	0.01	0.30	3.84% *	0.56	0.52	0.00	0.00	
Unit No. 03 Elk Slough LB	Overall Unit Rating	Total Unit Miles	U Rated Mile	Threshold Perceres are present, so			, ,		
RD0150	M *	9.41	instead of A.						
5		Maintena	nce Deficiency		Enforc	ement		& System scence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		1	
Earthen Levee							1		
Vegetation	0.02		0.02	0.21%	0.21	0.34			
Trim / Thin Trees	0.01	0.01	0.05	0.53%					
Encroachments	0.06		0.06	0.64%	0.50	0.01			
Animal Control	0.02	0.02	0.10	1.06%					
Slope Stability	0.04		0.04	0.43%			0.01		
Erosion / Bank Caving	0.06	0.01	0.10	1.06%			0.03		
Crown Surface / Depressions / Rutting	0.01		0.01	0.11%					
Supplemental									
DWR UCIP Field Study					0.11	0.02			
2017 Storm Damage	0.03		0.03	0.32%					
Unit Totals:	0.25	0.04	0.41	4.36% *	0.82	0.37	0.04	0.00	

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0307 Reclamation District No. 0307 Lisbon	Overall LMA Rating	Total LMA Miles						
	U	6.56						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	8.64	0.93	12.36	188.35%	0.33	0.15		
Trim / Thin Trees	0.08	0.01	0.12	1.83%				
Encroachments	0.08	0.02	0.16	2.44%	0.12	0.08		
Animal Control	0.57		0.57	8.69%				
Slope Stability	0.06		0.06	0.91%				
Flood Preparedness & Training	0.07		0.07	1.07%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.33		0.33	5.03%				
DWR UCIP Field Study					0.28	0.04		
2017 Storm Damage	0.06		0.06	0.91%				
LMA Totals:	9.89	0.96	13.73	209.23%	0.73	0.27	0.00	0.00

RD0341	Overall LMA	Total LMA						
Reclamation District No. 0341 Sherman	Rating	Miles						
Island	U	9.64						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
ivaled item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	2.65	2.27	11.73	121.71%	0.01	0.03		
Trim / Thin Trees	0.21		0.21	2.18%				
Encroachments					0.03	0.02		
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.04	0.29	1.20	12.45%				
DWR UCIP Field Study					0.44	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	2.90	2.56	13.14	136.34%	0.48	0.06	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

acramento River Basin (cont.)								
Unit No. 01 Threemile Slough RB	Overall Unit Rating	Total Unit Miles						
RD0341	Α	3.36						
2		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.01		0.01	0.30%	0.01			
Encroachments						0.02		
Supplemental								
DWR UCIP Field Study					0.15			
DWR UCIP LMA Responsibility								
Unit Totals:	0.01	0.00	0.01	0.30%	0.16	0.02	0.00	0.00
Unit No. 02 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD0341	U	6.28						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	2.64	2.27	11.72	186.70%		0.03		
Trim / Thin Trees	0.21		0.21	3.35%				
Encroachments					0.03			
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.04	0.29	1.20	19.12%				
DWR UCIP Field Study					0.29	0.01		
Unit Totals:	2.89	2.56	13.13	209.16%	0.32	0.04	0.00	0.00
		l <b>–</b>						
RD0349	Overall LMA	Total LMA						
Reclamation District No. 0349 Sutter	Rating	Miles						
Island	U	12.41			Design & Syst			
Rated Item			nce Deficiency		Enforcement		Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.00	0.44	0.70	00.040/	0.00	0.00		
Vegetation	3.20	0.14	3.76	30.31%	0.20	0.20		
Trim / Thin Trees	0.50	0.26	1.54	12.41%				

Reclamation District No. 0349 Sutter	Rating	Miles						
Island	U	12.41						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	3.20	0.14	3.76	30.31%	0.20	0.20		
Trim / Thin Trees	0.50	0.26	1.54	12.41%				
Encroachments	0.06		0.06	0.48%	0.16	0.26		
Animal Control	0.18		0.18	1.45%				
Emergency Supplies & Equipment	0.12		0.12	0.97%				
Flood Preparedness & Training	0.12		0.12	0.97%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.61		0.61	4.92%				
DWR UCIP Field Study					0.46	0.02		
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.25		0.25	2.02%				
LMA Totals:	5.05	0.40	6.65	53.60%	0.82	0.48	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0349	U	1.59			1		Dooign	Custom
Rated Item		Maintena	nce Deficiency		Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	4.00	0.40	4.40	22.242/	0.00	0.05	I	I
Vegetation	1.00	0.12	1.48	93.31%	0.02	0.05		
Trim / Thin Trees	0.32		0.32	20.18%				
Encroachments	0.01		0.01	0.63%		0.02		
2015 USACE Erosion Survey, DRAFT	0.07		0.07	4.41%			1	
DWR UCIP Field Study	0.07		0.07	4.4170	0.06			
,	0.00		0.00	2.700/	0.06			
2017 Storm Damage	0.06	0.40	0.06	3.78%	0.00	0.07	0.00	0.00
Unit Totals:	1.46	0.12	1.94	122.31%	0.08	0.07	0.00	0.00
Unit No. 02 Steamboat Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0349	U	4.32						
	Maintenance Deficiency			Enforcement		Design & System Obsolescence		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.54	0.02	0.62	14.36%	0.08	0.08		
Trim / Thin Trees	0.06		0.06	1.39%				
Encroachments	0.02		0.02	0.46%	0.08	0.20		
Animal Control	0.18		0.18	4.17%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.37		0.37	8.57%				
DWR UCIP Field Study					0.17	0.01		
2017 Storm Damage	0.19		0.19	4.40%				
Unit Totals:	1.36	0.02	1.44	33.34%	0.33	0.29	0.00	0.00
Unit No. 03 Sutter Slough LB	Overall Unit	Total Unit Miles						
	Rating							
RD0349	U	6.50			1		Design 8	& System
Rated Item			nce Deficiency			ement	Obsole	escence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	1.00		1.00	OF F00/	0.40	0.07		
Vegetation	1.66	0.00	1.66	25.53%	0.10	0.07		
Trim / Thin Trees	0.12	0.26	1.16	17.84%				
Encroachments	0.03		0.03	0.46%	0.08	0.04		
Supplemental 2015 USACE Erosion Survey, DRAFT	0.17		0.17	2.62%				
	0.17		0.17	2.0270	0.22	0.01		
DWR UCIP Field Study					0.23	0.01		
DWR UCIP LMA Responsibility	1.00	0.00	2.00	46.450/	0.44	0.40	0.00	0.00
Unit Totals:	1.98	0.26	3.02	46.45%	0.41	0.12	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0369 Reclamation District No. 0369 Libby McNeil	Overall LMA Rating	Total LMA Miles 0.78						
Maintenance Deficiency				Enforcement		Design & System Obsolescence		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.48		0.48	61.79%	0.02	0.02		
Encroachments	0.01		0.01	1.29%	0.01	0.01		
Emergency Supplies & Equipment	0.01		0.01	1.29%				
Flood Preparedness & Training	0.01		0.01	1.29%				
Supplemental								
DWR UCIP Field Study					0.04	0.02		
LMA Totals:	0.51	0.00	0.51	65.65%	0.07	0.05	0.00	0.00

RD0501 Reclamation District No. 0501 Ryer	Overall LMA Rating	Total LMA Miles						
Island	M	20.26						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.97		0.97	4.79%	0.59	0.02		
Trim / Thin Trees	0.42	0.01	0.46	2.27%				
Encroachments	0.01		0.01	0.05%	0.35	0.01		
Animal Control	0.52		0.52	2.57%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.26		0.26	1.28%				
DWR UCIP Field Study					0.55	0.06		
DWR UCIP LMA Responsibility								
LMA Totals:	2.18	0.01	2.22	10.96%	1.49	0.09	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Steamboat Slough RB	Overall Unit Rating	Total Unit Miles						
RD0501	U	6.71						
			nce Deficiency		Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.59		0.59	8.80%	0.37	0.01		
Trim / Thin Trees	0.19	0.01	0.23	3.43%				
Encroachments	0.01		0.01	0.15%		0.01		
Animal Control	0.51		0.51	7.61%				
Supplemental 2015 USACE Erosion Survey, DRAFT	0.19		0.19	2.83%				
DWR UCIP Field Study	0.10		0.10	2.0070	0.15	0.02		
Unit Totals:	1.49	0.01	1.53	22.82%	0.52	0.04	0.00	0.00
Unit No. 02 Cache Slough LB	Overall Unit Rating	Total Unit Miles						
RD0501	A	3.56						
1120001		Maintenance Deficiency				ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1	M Miles	U Miles
Earthen Levee			1				1	
Vegetation					0.05			
Trim / Thin Trees	0.01		0.01	0.28%				
Encroachments					0.35			
Supplemental Suppl	0.07		0.07	4.070/		I	I	
2015 USACE Erosion Survey, DRAFT DWR UCIP Field Study	0.07		0.07	1.97%	0.00	0.02		
DWR UCIP Fleid Study  DWR UCIP LMA Responsibility					0.09	0.02		
Unit Totals:	0.08	0.00	0.08	2.25%	0.49	0.02	0.00	0.00
Utilit Totals.	0.08	0.00	0.08	2.2376	0.49	0.02	0.00	0.00
Unit No. 03 Miner Slough LB	Overall Unit Rating	Total Unit Miles						
RD0501	Α	7.71					Design & System	
Rated Item			ince Deficiency		Enforcement		Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.37		0.37	4.80%	0.04	0.01		
Trim / Thin Trees	0.09		0.09	1.17%	0.04	0.01		
Animal Control	0.01		0.01	0.13%				
Supplemental								
DWR UCIP Field Study					0.23	0.01		
Unit Totals:	0.47	0.00	0.47	6.10%	0.27	0.02	0.00	0.00
Unit No. 04 Sutter Slough RB	Overall Unit Rating	Total Unit Miles						
RD0501	Α	2.28						
Rated Itam		Maintena	ince Deficiency		Enforc	ement		k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee	0.04		0.04	0.4407	0.40			
Vegetation	0.01		0.01	0.44%	0.13			
Trim / Thin Trees	0.13		0.13	5.71%				
Supplemental  DWR UCIP Field Study					0.08	0.01		
Unit Totals:	0.14	0.00	0.14	6.15%	0.21	0.01	0.00	0.00
Orin Totals.	J T	3.00	U r	2.10/0	J 1	3.01	3.00	3.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0536	Overall LMA							
Reclamation District No. 0536 Egbert	Rating	Miles						
	U	10.59			ı		D: 0	0.00
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
rated from	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	4.04	4.74	44.07	440.040/			I	
Vegetation	4.91	1.74	11.87	112.04%				
Trim / Thin Trees	0.02		0.02	0.19%	0.04	0.05		
Encroachments		0.00	0.00	0.700/	0.01	0.05		
Cracking	0.00	0.02	0.08	0.76%				
Crown Surface / Depressions / Rutting	2.82	0.15	3.42	32.28%				
Emergency Supplies & Equipment	0.11		0.11	1.04%				
Flood Preparedness & Training	0.11		0.11	1.04%				
Supplemental 2015 USACE Erosion Survey, DRAFT	0.37		0.37	3.49%				
DWR UCIP Field Study	0.37		0.37	3.4976	0.11			
,					0.11			
DWR UCIP LMA Responsibility	0.00	4.04	45.07	450 700/	0.40	0.05	0.00	0.00
LMA Totals:	8.33	1.91	15.97	150.73%	0.12	0.05	0.00	0.00
Unit No. 01 Lindsey Slough RB	Overall Unit Rating	Total Unit Miles						
RD0536	U	5.58						
		Maintena	nce Deficiency		Enforc			& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	I							
Vegetation		1.74	6.96	124.66%				
Trim / Thin Trees	0.02		0.02	0.36%				
Encroachments					0.01	0.01		
Cracking		0.02	0.08	1.43%				
Crown Surface / Depressions / Rutting	1.46	0.02	1.54	27.58%				
Supplemental	0.37		0.27	6.630/			l	
2015 USACE Erosion Survey, DRAFT	0.37		0.37	6.63%	0.07			
DWR UCIP Field Study					0.07			
DWR UCIP LMA Responsibility	4.05	4.70	0.07	400.000/	0.00	0.04	0.00	0.00
Unit Totals:	1.85	1.78	8.97	160.66%	0.08	0.01	0.00	0.00
Unit No. 02 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles						
RD0536	U	5.01						
		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee	4.04		4.04	07.070/				
Vegetation	4.91		4.91	97.97%		0.04		
Encroachments	4.55	0.10	4.55	07.5		0.04		
Crown Surface / Depressions / Rutting	1.36	0.13	1.88	37.51%				
Supplemental  DWR UCIP Field Study					0.04			
Unit Totals:	6.27	0.13	6.79	135.48%	0.04	0.04	0.00	0.00
Offic Totals.	0.27	0.13	0.79	133.40%	0.04	0.04	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0537 Reclamation District No. 0537 Lovdal	Overall LMA Rating M *	Total LMA Miles 5.93		Threshold Perce Rated Miles are p instead of A.				
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		T	1	1				
Vegetation	0.02		0.02	0.34%	0.01			
Trim / Thin Trees	0.03		0.03	0.51%				
Encroachments	0.05		0.05	0.84%	0.16	0.18		
Animal Control	0.18	0.04	0.34	5.73%				
Slope Stability	0.01		0.01	0.17%				
Erosion / Bank Caving	0.05		0.05	0.84%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.05		0.05	0.84%				
DWR UCIP Field Study					0.07	0.01		
LMA Totals:	0.39	0.04	0.55	9.27% *	0.24	0.19	0.00	0.00
Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD0537	M	4.74						
5		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.02		0.02	0.42%	0.01			
Trim / Thin Trees	0.03		0.03	0.63%				
Encroachments	0.05		0.05	1.05%	0.16	0.18		
Animal Control	0.17	0.04	0.33	6.96%				
Slope Stability	0.01		0.01	0.21%				
Erosion / Bank Caving	0.05		0.05	1.05%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.05		0.05	1.05%				
DWR UCIP Field Study					0.07	0.01		
Unit Totals:	0.38	0.04	0.54	11.38%	0.24	0.19	0.00	0.00
Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles						
RD0537	Α	1.19						
D. L. L.		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Animal Control	0.01		0.01	0.84%				
Unit Totals:	0.01	0.00	0.01	0.84%	0.00	0.00	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0551 Reclamation District No. 0551 Pearson	Overall LMA Rating	Total LMA Miles						
	A	6.78						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.20			
Encroachments					0.02			
Supplemental								
DWR UCIP Field Study					0.13			
2017 Storm Damage	0.40		0.40	5.90%				
LMA Totals:	0.40	0.00	0.40	5.90%	0.35	0.00	0.00	0.00

RD0554	Overall LMA	Total LMA						
Reclamation District No. 0554 Walnut	Rating	Miles						
Grove	U	1.13						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation		0.43	1.72	152.78%		0.01		
Trim / Thin Trees		0.07	0.28	24.87%				
Encroachments					0.01			
Erosion / Bank Caving		0.02	0.08	7.11%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.10		0.10	8.88%				
DWR UCIP Field Study					0.14	0.06		
LMA Totals:	0.10	0.52	2.18	193.64%	0.15	0.07	0.00	0.00

RD0556 Reclamation District No. 0556 Upper Andrus	Overall LMA Rating	Total LMA Miles 11.20						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.86	4.29	18.02	160.89%	0.12	0.24		
Trim / Thin Trees		0.61	2.44	21.78%				
Encroachments	0.01		0.01	0.09%	0.21	0.08		
Animal Control	3.33	0.12	3.81	34.02%				
Slope Stability	0.01	0.02	0.09	0.80%				
Erosion / Bank Caving	0.02		0.02	0.18%				
Emergency Supplies & Equipment	0.11		0.11	0.98%				
Flood Preparedness & Training	0.11		0.11	0.98%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.81		0.81	7.23%				
DWR UCIP Field Study					0.22	0.02		
LMA Totals:	5.26	5.04	25.42	226.95%	0.55	0.34	0.00	0.00

#### Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

## Sacramento River Basin (cont.)

Sacramento River Basin (cont.)						
Unit No. 01 Georgiana Slough RB Overall Unit Rating Miles						
RD0556 U 5.48						
Mainter	ance Deficiency		Enforc	cement	Design & Obsole	System scence
Rated Item M Miles U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee						
Vegetation 0.86 4.28	17.98	327.96%	0.05	0.18		
Trim / Thin Trees 0.61	2.44	44.51%				
Encroachments				0.06		
Animal Control 3.32 0.12	3.80	69.31%				
Slope Stability 0.01 0.02	0.09	1.64%				
Erosion / Bank Caving 0.02	0.02	0.37%				
Supplemental						
2015 USACE Erosion Survey, DRAFT 0.15	0.15	2.74%				
DWR UCIP Field Study			0.11	0.01		
Unit Totals: 4.36 5.03	24.48	446.52%	0.16	0.25	0.00	0.00
Unit No. 02 Sacramento River LB Overall Unit Rating Miles						
RD0556 M 5.72						
					Decision V	
Rated Item Mainter	ance Deficiency		Enforc	cement	Obsole	k System scence
Rated Item Mainter M Miles U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Rated Item M Miles U Miles  Earthen Levee	M + 4U Miles		M Miles	U Miles	Obsole	scence
Rated Item M Miles U Miles  Earthen Levee  Vegetation 0.01	M + 4U Miles	0.70%	M Miles	U Miles	Obsole	scence
Rated Item M Miles U Miles  Earthen Levee  Vegetation 0.01  Encroachments 0.01	0.04 0.01	0.70% 0.18%	M Miles	U Miles	Obsole	scence
Rated Item M Miles U Miles  Earthen Levee  Vegetation 0.01	M + 4U Miles	0.70%	M Miles	U Miles	Obsole	scence
Rated Item         M Miles         U Miles           Earthen Levee         Vegetation         0.01           Encroachments         0.01         0.01           Animal Control         0.01         0.01           Supplemental         0.01         0.01	0.04 0.01 0.01	0.70% 0.18% 0.18%	M Miles	U Miles	Obsole	scence
Rated Item	0.04 0.01	0.70% 0.18%	0.07 0.21	0.06 0.02	Obsole	scence
Rated Item	0.04 0.01 0.01 0.66	0.70% 0.18% 0.18% 11.54%	0.07 0.21 0.11	0.06 0.02 0.01	Obsole M Miles	U Miles
Rated Item	0.04 0.01 0.01	0.70% 0.18% 0.18%	0.07 0.21	0.06 0.02	Obsole	scence
Rated Item	0.04 0.01 0.01 0.66	0.70% 0.18% 0.18% 11.54%	0.07 0.21 0.11	0.06 0.02 0.01	Obsole M Miles	U Miles
Rated Item	0.04 0.01 0.01 0.66	0.70% 0.18% 0.18% 11.54%	0.07 0.21 0.11	0.06 0.02 0.01	Obsole M Miles	U Miles
Rated Item	0.04 0.01 0.01 0.66	0.70% 0.18% 0.18% 11.54%	0.07 0.21 0.11	0.06 0.02 0.01	Obsole M Miles	U Miles
Rated Item	0.04 0.01 0.01 0.66	0.70% 0.18% 0.18% 11.54%	0.07 0.21 0.11 0.39	0.06 0.02 0.01 0.09	Obsole M Miles  0.00	U Miles  0.00
Rated Item	0.04 0.01 0.01 0.66 0.72	0.70% 0.18% 0.18% 11.54% 12.59%	0.07 0.21 0.11 0.39	0.06 0.02 0.01 0.09	Obsole M Miles  0.00  Design 8 Obsole	U Miles  0.00
Rated Item	0.04 0.01 0.01 0.66	0.70% 0.18% 0.18% 11.54%	0.07 0.21 0.11 0.39	0.06 0.02 0.01 0.09	Obsole M Miles  0.00	U Miles  0.00
Rated Item	0.04 0.01 0.01 0.66 0.72	0.70% 0.18% 0.18% 11.54% 12.59%	0.07 0.21 0.11 0.39	0.06 0.02 0.01 0.09	Obsole M Miles  0.00  Design 8 Obsole	U Miles  0.00
Rated Item	0.04 0.01 0.01 0.66 0.72	0.70% 0.18% 0.18% 11.54% 12.59%	0.07 0.21 0.11 0.39	0.06 0.02 0.01 0.09	Obsole M Miles  0.00  Design 8 Obsole	U Miles  0.00

0.02

0.01

0.06

0.22

0.09

0.50%

1.82%

0.74%

0.11

0.57

Encroachments

**Animal Control** 

Slope Stability

0.06

0.14

0.05

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0755 Reclamation District No. 0755 Randall	Overall LMA Rating	Total LMA Miles						
Nooiamanon District Nor of 35 Namaan	U	1.83						
Rated Item		Maintena	nce Deficiency		Enforcement M Miles U Miles		Design & Obsole	& System escence
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %			M Miles	U Miles
Earthen Levee								
Vegetation	2.11		2.11	115.02%	0.14			
Trim / Thin Trees	0.01		0.01	0.55%				
Animal Control	1.34		1.34	73.05%				
Emergency Supplies & Equipment	0.02		0.02	1.09%				
Flood Preparedness & Training	0.02		0.02	1.09%				
Supplemental								
DWR UCIP Field Study					0.06			
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.06		0.06	3.27%				
LMA Totals:	3.56	0.00	3.56	194.07%	0.20	0.00	0.00	0.00

RD0765 Reclamation District No. 0765 Glide	Overall LMA Rating	Total LMA Miles						
Recialitation District No. 0703 Glide	U	1.72						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.37	0.41	2.01	116.72%				
Trim / Thin Trees	0.71	0.34	2.07	120.21%				
Encroachments	0.05	0.02	0.13	7.55%	0.32	0.06		
Slope Stability	0.01		0.01	0.58%				
Emergency Supplies & Equipment	0.02		0.02	1.16%				
Flood Preparedness & Training	0.02		0.02	1.16%				
Supplemental								•
DWR UCIP Field Study					0.05			
LMA Totals:	1.17	0.77	4.25	246.80%	0.37	0.06	0.00	0.00

RD0784 Reclamation District No. 0784 Plumas	Overall LMA Rating	Total LMA Miles						
Lake	Α	33.20						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					3.19			
Supplemental								
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
LMA Totals:	0.00	0.00	0.00	0.00%	3.21	0.00	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

	ı							
Unit No. 01 Yuba River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	2.21						
Detect to a		Maintena	nce Deficiency		Enforc	cement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.61			
Supplemental  DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.62	0.00	0.00	0.00
Unit No. 02A Feather River LB	Overall Unit Rating	Total Unit Miles	0.00	0.0070	0.02	0.00	0.00	0.00
	A	2.54						
RD0784	A				I		Design 8	& System
Rated Item	NA NATIO		nce Deficiency	The second second 07		cement	Obsole	scence
No trans	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items	0.00	0.00	0.00	0.000/				
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 02B Feather River LB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	3.95						
Detect to a		Maintena	nce Deficiency		Enforc	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	I		T			1		
Encroachments					0.10			
Unit Totals:	0.00	0.00	0.00	0.00%	0.10	0.00	0.00	0.00
Unit No. 03A Bear River RB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	0.78						
Rated Item		Maintena	nce Deficiency		Enford	cement		k System scence
Nated Rem	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 03B Bear River RB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	1.49						
		Maintena	nce Deficiency		Enforc	cement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %		U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.30			
Supplemental								
DWR UCIP LMA Responsibility	0.00	0.00	0.00	0.0007	0.00	0.00	0.00	0.00
Unit Totals:	0.00	0.00	0.00	0.00%	0.30	0.00	0.00	0.00
Unit No. 04 Interceptor Canal RB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	6.33						
5		Maintena	nce Deficiency		Enforc	cement		& System scence
								U Miles
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	O Miles
Supplemental	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	O Miles
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles 0.01	U Miles	M Miles	O ivilles

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 05 Interceptor Canal LB	Overall Unit	Total Unit						
onit No. 03 interceptor Canal EB	Rating	Miles						
RD0784	Α	4.19						
		Maintena	nce Deficiency		Enforc	cement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		I				1	1	
Encroachments					2.18			
DWR UCIP LMA Responsibility		l				1		
Unit Totals:	0.00	0.00	0.00	0.00%	2.18	0.00	0.00	0.00
Offit Totals.	0.00	0.00	0.00	0.00%	2.10	0.00	0.00	0.00
Unit No. 06 South Dry Creek RB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	0.25						
5		Maintena	nce Deficiency		Enforc	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Supplemental								
DWR UCIP LMA Responsibility								
Unit Totals:	0.00	0.00	0.00	0.00%	0.00	0.00	0.00	0.00
Unit No. 07 Yuba River LB	Overall Unit Rating	Total Unit Miles						
RD0784	A	3.82						
		Maintena	nce Deficiency		Enforc	cement	Design & Syster Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 08 Three Rivers RB	Overall Unit	Total Unit		!	•	-	-	-
Offit No. 06 Three Rivers RB	Rating	Miles						
RD0784	A	1.93						
TKB0704	7.		nce Deficiency		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
No Items	W Willow	O Milloo		Triiodridia 70	W WIIIOO	O Milloo	101 1011100	C IVIIIOC
Unit Totals:	0.00	0.00	0.00	0.00%				
Unit No. 09 Feather River LB	Overall Unit Rating	Total Unit Miles						
RD0784	Α	5.71						
Rated Item		Maintena	nce Deficiency		Enforc	cement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
	I.	II	I .	II.				

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

` · · · ·			1							
RD0785	Overall LMA									
Reclamation District No. 0785 Driver	Rating	Miles								
	U	5.57			1		Design 8	& System		
Rated Item			nce Deficiency			ement	Obsole	scence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles		
Earthen Levee	2.64	<u> </u>	2.64	46.88%	0.00		l	I		
Vegetation	2.61	0.04	2.61		0.08					
Trim / Thin Trees	0.04	0.01	0.08	1.44%	0.40					
Encroachments	0.05	0.04	0.05	0.90%	0.13					
Animal Control	0.03	0.01	0.07	1.26%						
Slope Stability	0.02		0.02	0.36%						
Erosion / Bank Caving	0.04		0.04	0.72%						
Crown Surface / Depressions / Rutting	0.02		0.02	0.36%						
Supplemental DWB LICID Field Charles			1		0.00	0.04				
DWR UCIP Field Study	0.04	0.00	0.00	54.040/	0.06	0.01	0.00	0.00		
LMA Totals:	2.81	0.02	2.89	51.91%	0.27	0.01	0.00	0.00		
Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles								
RD0785	U	2.26								
		Maintena	nce Deficiency		Enforcement		Enforcement			& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles		
Earthen Levee		T					ı	T		
Vegetation	1.38		1.38	61.17%	0.08					
Trim / Thin Trees	0.04	0.01	0.08	3.55%						
Encroachments	0.05		0.05	2.22%	0.12					
Animal Control	0.02	0.01	0.06	2.66%						
Slope Stability	0.01		0.01	0.44%						
Erosion / Bank Caving	0.04		0.04	1.77%						
Crown Surface / Depressions / Rutting	0.01		0.01	0.44%						
Supplemental	l	I	T			ı	T	T		
DWR UCIP Field Study					0.03	0.01				
Unit Totals:	1.55	0.02	1.63	72.25%	0.23	0.01	0.00	0.00		
Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles								
RD0785	U	3.31								
			nce Deficiency		Enforc	ement		& System		
Rated Item	M Miles		M + 4U Miles	Threshold %				Scence LI Miles		
Earthen Levee	IVI IVIIIC3	O IVIIIeS	IVI + 40 IVIIIes	The Short /6	IVI IVIIIGS	O IVIIIes	IVI IVIIIES	O ivilles		
Vegetation	1.23		1.23	37.14%						
Encroachments					0.01					
Animal Control	0.01		0.01	0.30%						
Slope Stability	0.01		0.01	0.30%						
Crown Surface / Depressions / Rutting	0.01		0.01	0.30%						
Supplemental	3.01		3.01	3.3070						
DWR UCIP Field Study					0.03					
Unit Totals:	1.26	0.00	1.26	38.05%	0.04	0.00	0.00	0.00		
		l	1	I						

## Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0787 Reclamation District No. 0787 Fair	Overall LMA Rating	Total LMA Miles						
	A	4.45						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments	0.02		0.02	0.45%	2.44			
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.29		0.29	6.52%				
DWR UCIP Field Study					0.01			
2017 Storm Damage	0.13		0.13	2.92%				
LMA Totals:	0.44	0.00	0.44	9.89%	2.45	0.00	0.00	0.00

RD0817	Overall LMA	Total LMA						
Reclamation District No. 0817 Carlin	Rating	Miles						
	U	8.99						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Kateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.78		0.78	8.68%	0.01			
Trim / Thin Trees	0.11		0.11	1.22%				
Encroachments					2.56			
Erosion / Bank Caving	0.01		0.01	0.11%				
Crown Surface / Depressions / Rutting	1.31		1.31	14.57%				
Supplemental								
DWR UCIP Field Study					0.21	0.04		
DWR UCIP LMA Responsibility								
LMA Totals:	2.21	0.00	2.21	24.58%	2.78	0.04	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

He't No. 04 Courth Day One of LD	0	T-4-111-7						
Unit No. 01 South Dry Creek LB	Overall Unit Rating	Total Unit Miles						
RD0817	Α	3.81						
Dotad Itam		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Encroachments					2.07			
Supplemental					2.07			
DWR UCIP Field Study					0.15	0.02		
DWR UCIP LMA Responsibility								
Unit Totals:	0.00	0.00	0.00	0.00%	2.22	0.02	0.00	0.00
Unit No. 02 Bear River RB	Overall Unit Rating	Total Unit Miles						
RD0817	Α	3.86						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.17		0.17	4.41%	0.01			
Encroachments					0.07			
Erosion / Bank Caving	0.01		0.01	0.26%				
Supplemental DWR UCIP Field Study					0.04	0.02		
Unit Totals:	0.18	0.00	0.18	4.67%	0.12	0.02	0.00	0.00
Unit No. 03 South Dry Creek RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0817	U	1.32						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
ivaled item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		l						
Vegetation	0.61		0.61	46.23%				
Trim / Thin Trees	0.11		0.11	8.34%	0.40			
Encroachments					0.42			
Crown Surface / Depressions / Rutting	1.31		1.31	99.29%				
Supplemental DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility					0.02			
Unit Totals:	2.03	0.00	2.03	153.86%	0.44	0.00	0.00	0.00
	2.03 Overall LMA	0.00	2.03	153.86%	0.44	0.00	0.00	0.00
RD0827 Reclamation District No. 0827 Elkhorn	Overall LMA Rating	Total LMA Miles	2.03	153.86%	0.44	0.00	0.00	0.00
RD0827	Overall LMA	Total LMA	2.03	153.86%	0.44	0.00		
RD0827	Overall LMA Rating A	Total LMA Miles 4.12 Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
RD0827 Reclamation District No. 0827 Elkhorn	Overall LMA Rating	Total LMA Miles 4.12		153.86% Threshold %		ement	Design 8 Obsole	& System scence
RD0827 Reclamation District No. 0827 Elkhorn Rated Item	Overall LMA Rating A	Total LMA Miles 4.12 Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
RD0827 Reclamation District No. 0827 Elkhorn  Rated Item  Earthen Levee	Overall LMA Rating A M Miles	Total LMA Miles 4.12 Maintena	nce Deficiency M + 4U Miles	Threshold %	Enforce M Miles	ement	Design 8 Obsole	System scence
RD0827 Reclamation District No. 0827 Elkhorn  Rated Item  Earthen Levee  Encroachments Erosion / Bank Caving  Supplemental	Overall LMA Rating A M Miles	Total LMA Miles 4.12 Maintena	nce Deficiency M + 4U Miles  0.02	Threshold % 0.49%	Enforce M Miles 0.93	ement	Design 8 Obsole	System scence
RD0827 Reclamation District No. 0827 Elkhorn  Rated Item  Earthen Levee  Encroachments Erosion / Bank Caving  Supplemental  DWR UCIP Field Study	Overall LMA Rating A M Miles	Total LMA Miles 4.12 Maintena	nce Deficiency M + 4U Miles  0.02	Threshold % 0.49%	Enforce M Miles	ement	Design 8 Obsole	System scence
RD0827 Reclamation District No. 0827 Elkhorn  Rated Item  Earthen Levee  Encroachments Erosion / Bank Caving Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility	Overall LMA Rating A M Miles 0.02 0.02	Total LMA Miles 4.12 Maintena	nce Deficiency M + 4U Miles  0.02	Threshold % 0.49% 0.49%	Enforce M Miles 0.93	ement U Miles	Design 8 Obsole	System scence
RD0827 Reclamation District No. 0827 Elkhorn  Rated Item  Earthen Levee  Encroachments Erosion / Bank Caving  Supplemental  DWR UCIP Field Study	Overall LMA Rating A M Miles	Total LMA Miles 4.12 Maintena	nce Deficiency M + 4U Miles  0.02	Threshold % 0.49%	Enforce M Miles 0.93	ement U Miles	Design 8 Obsole	System scence

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0827	A	1.34						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		ı						
Encroachments	0.02		0.02	1.49%	0.43			
Erosion / Bank Caving	0.02		0.02	1.49%				
Supplemental	I	T	I			ı		
DWR UCIP Field Study					0.02			
Unit Totals:	0.04	0.00	0.04	2.98%	0.45	0.00	0.00	0.00
Unit No. 02 Yolo Bypass LB	Overall Unit	Total Unit						
	Rating	Miles						
RD0827	Α	2.78						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.50			
Supplemental	l	I	l			T	ı	
DWR UCIP Field Study					0.02	0.01		
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.01		0.01	0.36%				
Unit Totals:	0.01	0.00	0.01	0.36%	0.52	0.01	0.00	0.00
PD0000	Overall LMA	Total LMA						
RD0900 Reclamation District No. 0900 West	Rating	Miles						
Sacramento	A	12.96						
	7.		nce Deficiency		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	111 1111100	0 1111100	10 10 10 10 10 10 10 10 10 10 10 10 10 1	71110011010 70	101 1011100	0 1111100		O Milliod
Vegetation	0.02		0.02	0.15%				
Encroachments	0.06		0.06	0.46%	0.69	0.01		
Slope Stability	0.01		0.01	0.08%				
Supplemental		1	I					
2015 USACE Erosion Survey, DRAFT	0.42		0.42	3.24%				
DWR UCIP Field Study					0.40			
DWR UCIP LMA Responsibility								
LMA Totals:	0.51	0.00	0.51	3.93%	1.09	0.01	0.00	0.00
		•			•			

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River RB	Overall Unit Rating	Total Unit Miles						
RD0900	A	7.70						
		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee							1	
Vegetation	0.02		0.02	0.26%				
Encroachments	0.04		0.04	0.52%	0.55	0.01		
Slope Stability	0.01		0.01	0.13%				
Supplemental							1	
2015 USACE Erosion Survey, DRAFT	0.42		0.42	5.45%				
DWR UCIP Field Study					0.16			
DWR UCIP LMA Responsibility								
Unit Totals:	0.49	0.00	0.49	6.36%	0.71	0.01	0.00	0.00
Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles						
RD0900	Α	5.26						
1850000			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	
Earthen Levee							1	
Encroachments	0.02		0.02	0.38%	0.14			
Supplemental								
DWR UCIP Field Study					0.24			
Unit Totals:	0.02	0.00	0.02	0.38%	0.38	0.00	0.00	0.00
RD0999	Overall LMA	Total LMA						
Reclamation District No. 0999	Rating	Miles						
Netherlands	U	32.17						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Earthen Levee		I						
Vegetation	0.18	0.15	0.78	2.42%	0.48	0.45		
Trim / Thin Trees	1.57	0.63	4.09	12.72%	0.06	0.05		
Encroachments	0.13	0.07	0.41	1.27%	3.03	0.44		
Animal Control	0.01		0.01	0.03%				
Slope Stability	0.05	0.02	0.13	0.40%				
Erosion / Bank Caving	0.02	0.03	0.14	0.44%				
Crown Surface / Depressions / Rutting	3.85		3.85	11.97%				
		1						
•								
Supplemental 2015 USACE Erosion Survey, DRAFT	0.46	0.41	2.10	6.53%			9.48	
Supplemental	0.46	0.41	2.10	6.53%	0.57	0.05	9.48	
Supplemental 2015 USACE Erosion Survey, DRAFT	0.46	0.41	2.10	6.53%	0.57	0.05	9.48	

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Yolo Bypass LB	Overall Unit	Total Unit						
Offic No. 01 Tolo Bypass LB	Rating	Miles						
RD0999	U	15.41						
			nce Deficiency		Enforc	ement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee		•	/ 100	77		000		•
Vegetation	0.02		0.02	0.13%	0.01	0.01		
Trim / Thin Trees	0.52	0.02	0.60	3.89%				
Encroachments	0.05		0.05	0.32%	0.84	0.29		
Animal Control	0.01		0.01	0.07%				
Slope Stability	0.02		0.02	0.13%				
Erosion / Bank Caving	0.02		0.02	0.13%				
Crown Surface / Depressions / Rutting	2.83		2.83	18.36%				
Supplemental		I	T				I	
2015 USACE Erosion Survey, DRAFT	0.01		0.01	0.07%				
DWR UCIP Field Study					0.05	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	3.48	0.02	3.56	23.10%	0.90	0.31	0.00	0.00
Unit No. 02 Miner Slough RB	Overall Unit	Total Unit						
3	Rating	Miles						
RD0999	M	2.31						
5		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.06		0.06	2.60%		0.01		
Trim / Thin Trees	0.05	0.06	0.29	12.57%				
Encroachments	0.02		0.02	0.87%	0.07	0.04		
Supplemental DWB LICID Field Study			 		0.00			
DWR UCIP Field Study	0.12	0.06	0.27	16.049/	0.08	0.05	0.00	0.00
Unit Totals:	0.13	0.06	0.37	16.04%	0.15	0.05	0.00	0.00
Unit No. 03 Sutter Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0999	U	3.74						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01	0.01	0.05	1.34%		0.02		
Trim / Thin Trees	0.22	0.10	0.62	16.56%				
Encroachments		0.01	0.04	1.07%	0.03	0.01		
Slope Stability	0.01		0.01	0.27%				
Supplemental 2015 USACE Erosion Survey, DRAFT	0.45	0.41	2.09	55.83%				
DWR UCIP Field Study	0.40	0.41	2.09	33.03%	0.04			
Unit Totals:	0.69	0.53	2.81	75.07%	0.04	0.03	0.00	0.00
Unit Totals.	0.09	0.33	2.01	13.0170	0.07	0.03	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Sacramento River RB	Overall Unit	Total Unit						
	Rating	Miles						
RD0999	U	1.22			I		Design 8	& System
Rated Item			nce Deficiency			cement	Obsole	scence
5 4 4	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation		0.07	0.28	22.95%	0.11	0.17		
Trim / Thin Trees	0.15	0.07	0.15	12.30%	0.01	0.17		
Encroachments	0.02		0.02	1.64%	0.06	0.02		
Erosion / Bank Caving	0.02	0.03	0.12	9.84%	0.00	0.02		
Supplemental		0.00	0.12	0.0170				
DWR UCIP Field Study					0.14			
Unit Totals:	0.17	0.10	0.57	46.72%	0.32	0.19	0.00	0.00
Unit No. 05 Elk Slough RB	Overall Unit	Total Unit						
Olit No. 03 Elk Slough NB	Rating	Miles						
RD0999	U	9.48						
		Maintena	nce Deficiency		Enforc	cement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.09	0.07	0.37	3.90%	0.36	0.24		
Trim / Thin Trees	0.63	0.45	2.43	25.62%	0.05	0.05		
Encroachments	0.04	0.06	0.28	2.95%	2.03	0.08		
Slope Stability	0.02	0.02	0.10	1.05%				
Crown Surface / Depressions / Rutting	1.02		1.02	10.76%				
Supplemental		ı						
2015 USACE Erosion Survey, DRAFT							9.48	
DWR UCIP Field Study					0.26	0.04		
Unit Totals:	1.80	0.60	4.20	44.29%	2.70	0.41	9.48	0.00
RD1000	Overall LMA	Total LMA						
Reclamation District No. 1000 Natomas	Rating	Miles						
	M	41.84						
Detect to a		Maintena	nce Deficiency		Enforc	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee							1	
Vegetation	2.72		2.72	6.50%	5.93	0.80		
Trim / Thin Trees	2.59		2.59	6.19%				
Encroachments					5.90	0.31		
Animal Control	0.01		0.01	0.02%				
Slope Stability	0.01		0.01	0.02%				
Supplemental 2015 USACE Erosion Survey, DRAFT	0.13		0.13	0.31%				
DWR UCIP Field Study	0.13		0.13	0.3176	0.12			
LMA Totals:	5.46	0.00	5.46	13.05%	11.95	1.11	0.00	0.00
LIVIA TOTALS.	5.46	0.00	5.40	13.03%	11.95	1.11	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River LB	Overall Unit	Total Unit						
	Rating	Miles						
RD1000	Α	18.28					1	
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		I						
Vegetation					5.81	0.80		
Trim / Thin Trees	0.02		0.02	0.11%				
Encroachments					4.31	0.31		
Supplemental 2015 USACE Erosion Survey, DRAFT	0.13		0.13	0.71%				
Unit Totals:	0.15	0.00	0.13	0.71%	10.12	1.11	0.00	0.00
Unit Totals.	0.15	0.00	0.15	0.82%	10.12	1.11	0.00	0.00
Unit No. 02 American River RB	Overall Unit	Total Unit						
	Rating	Miles						
RD1000	U	2.32					1	
Data di Itana		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		<u> </u>						
Vegetation	2.72		2.72	117.13%				
Trim / Thin Trees	2.57		2.57	110.67%				
Unit Totals:	5.29	0.00	5.29	227.80%	0.00	0.00	0.00	0.00
Unit No. 03 Natomas East Canal RB	Overall Unit Rating	Total Unit Miles						
RD1000	Α	16.93						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation					0.12			
Encroachments					1.59			
Animal Control	0.01		0.01	0.06%				
Slope Stability	0.01		0.01	0.06%				
Unit Totals:	0.02	0.00	0.02	0.12%	1.71	0.00	0.00	0.00
Unit No. 04 Natomas Cross Canal LB	Overall Unit Rating	Total Unit Miles						
RD1000	Α	4.30						
D		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental								
DWR UCIP Field Study					0.12			

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD1001 Reclamation District No. 1001 Nicolaus	Overall LMA Rating	Total LMA Miles						
	U	43.74						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	25.66	1.30	30.86	70.55%	0.08	0.09		
Trim / Thin Trees	0.10	0.01	0.14	0.32%				
Encroachments	0.06		0.06	0.14%	2.42	0.04		
Slope Stability	0.11		0.11	0.25%				
Erosion / Bank Caving	0.02		0.02	0.05%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	1.68		1.68	3.84%				
DWR UCIP Field Study					0.24	0.02		
DWR UCIP LMA Responsibility								
LMA Totals:	27.63	1.31	32.87	75.14%	2.74	0.15	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Yankee Slough RB	Overall Unit	Total Unit						
one No. of Tankee Glough NB	Rating	Miles						
RD1001	Α	4.12						
5		Maintena	nce Deficiency		Enforc	cement	Design & Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation					0.06	0.01		
Trim / Thin Trees	0.01		0.01	0.24%				
Encroachments					0.11	0.01		
Supplemental Supplemental	I	I	I	I	0.04			I
DWR UCIP Field Study	0.04	0.00	0.04	0.040/	0.01	0.00	0.00	0.00
Unit Totals:	0.01	0.00	0.01	0.24%	0.18	0.02	0.00	0.00
Unit No. 02 Yankee Slough LB	Overall Unit	Total Unit						
	Rating	Miles						
RD1001	Α	3.65						
Detect them		Maintena	nce Deficiency		Enforc	cement	Design 8 Obsole	& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation					0.01	0.01		
Encroachments					0.30	0.01		
Supplemental Control DRAFT	0.00		0.00	0.000/				
2015 USACE Erosion Survey, DRAFT	0.03		0.03	0.82%	0.00			
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility	0.00	0.00	0.00	0.000/	0.00	0.00	0.00	0.00
Unit Totals:	0.03	0.00	0.03	0.82%	0.33	0.02	0.00	0.00
Unit No. 03 Bear River LB	Overall Unit Rating	Total Unit Miles						
RD1001	Α	12.58						
Data d Nove		Maintena	nce Deficiency		Enforc	cement	Design 8 Obsole	& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.09		0.09	0.72%				
Trim / Thin Trees	0.04		0.04	0.32%				
Encroachments	0.01		0.01	0.08%	1.06	0.01		
Slope Stability	0.05		0.05	0.40%				
Erosion / Bank Caving	0.02		0.02	0.16%				
3								
Supplemental								
Supplemental 2015 USACE Erosion Survey, DRAFT	0.12		0.12	0.95%				
Supplemental	0.12	0.00	0.12	0.95%	0.03		0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Feather River LB	Overall Unit	Total Unit						
Unit No. 04 Feather River Lb	Rating	Miles						
RD1001	U	13.27						
			nce Deficiency		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	14.43		14.43	108.71%	0.01	0.07		
Trim / Thin Trees	0.04		0.04	0.30%				
Encroachments	0.04		0.04	0.30%	0.15	0.01		
Slope Stability	0.06		0.06	0.45%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	1.50		1.50	11.30%				
DWR UCIP Field Study					0.07			
Unit Totals:	16.07	0.00	16.07	121.07%	0.23	0.08	0.00	0.00
Unit No. 05 Natomas Cross Canal RB	Overall Unit	Total Unit						
ome nor do natomao ordeo danar no	Rating	Miles						
RD1001	U	5.39						
			nce Deficiency		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	
Earthen Levee								
Vegetation	1.70	1.30	6.90	128.04%				
Encroachments					0.28			
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.03		0.03	0.56%				
DWR UCIP Field Study					0.04			
Unit Totals:	1.73	1.30	6.93	128.60%	0.32	0.00	0.00	0.00
Unit No. 06 East Side Canal RB	Overall Unit Rating	Total Unit Miles						
RD1001	U	4.74					Design 8	System
Rated Item		T.	nce Deficiency			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	9.44		9.44	199.23%				
Trim / Thin Trees	0.01	0.01	0.05	1.06%				
Encroachments	0.01	0.01	0.05	0.21%	0.52			
Supplemental Encroachments	0.01		0.01	U.∠ I %	0.52			
DWR UCIP Field Study					0.07	0.02		
Unit Totals:	9.46	0.01	9.50	200.50%	0.59	0.02	0.00	0.00
	l	I	1					

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD1500	Overall LMA Rating	Total LMA Miles		Threshold Perce			,	
Reclamation District No. 1500 Sutter Basin	M *	53.87	Rating is M i	Rated Miles are p Instead of A.	resem, so i	rie Overaii	LIVIA	
Bushi	· ·		nce Deficiency		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	
Earthen Levee								
Vegetation					0.14			
Trim / Thin Trees	0.03		0.03	0.06%				
Encroachments	0.05		0.05	0.09%	4.57	0.04		
Animal Control	0.10		0.10	0.19%				
Erosion / Bank Caving	0.04		0.04	0.07%				
Underseepage Relief Wells		0.01	0.04	0.07%				
Supplemental	T	I	1				1	
DWR UCIP Field Study					0.47	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	0.22	0.01	0.26	0.48% *	5.18	0.05	0.00	0.00
Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
RD1500	Α	33.15						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.14			
Trim / Thin Trees	0.03		0.03	0.09%				
Trim / Thin Trees Encroachments	0.02		0.03 0.02	0.06%	0.14 4.55	0.04		
Trim / Thin Trees Encroachments Animal Control	0.02		0.02 0.09	0.06% 0.27%		0.04		
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving	0.02		0.02	0.06%		0.04		
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving Supplemental	0.02		0.02 0.09	0.06% 0.27%	4.55			
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving Supplemental DWR UCIP Field Study	0.02		0.02 0.09	0.06% 0.27%		0.04		
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving Supplemental	0.02	0.00	0.02 0.09	0.06% 0.27%	4.55		0.00	0.00
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility Unit Totals:	0.02 0.09 0.04		0.02 0.09 0.04	0.06% 0.27% 0.12%	0.47	0.01	0.00	0.00
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility	0.02 0.09 0.04 0.18 Overall Unit Rating	Total Unit Miles	0.02 0.09 0.04 0.18	0.06% 0.27% 0.12% 0.54%  Threshold Perceres are present, so	4.55 0.47 5.16	0.01 0.05	; however,	0.00
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility Unit Totals:	0.02 0.09 0.04 0.18	Total Unit	0.02 0.09 0.04 0.18	0.06% 0.27% 0.12% 0.54%  Threshold Perceres are present, so	4.55 0.47 5.16	0.01 0.05	; however, ng is M	
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility Unit Totals:  Unit No. 02 Sutter Bypass RB	0.02 0.09 0.04 0.18 Overall Unit Rating	Total Unit Miles 20.72	0.02 0.09 0.04 0.18	0.06% 0.27% 0.12% 0.54%  Threshold Perceres are present, so	4.55 0.47 5.16	0.01 0.05 an 10.00%, Il Unit Ratir	; however,	& System
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility Unit Totals:  Unit No. 02 Sutter Bypass RB	0.02 0.09 0.04 0.18 Overall Unit Rating	Total Unit Miles 20.72	0.02 0.09 0.04  0.18  * Overall Unit U Rated Milk instead of A.	0.06% 0.27% 0.12% 0.54%  Threshold Perceres are present, so	4.55  0.47  5.16  ort is less the overall	0.01 0.05 an 10.00%, Il Unit Ratir	; however, ng is M	& System
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility Unit Totals:  Unit No. 02 Sutter Bypass RB  RD1500  Rated Item  Earthen Levee	0.02 0.09 0.04  0.18  Overall Unit Rating M *	Total Unit Miles 20.72 Maintena	0.02 0.09 0.04  0.18  * Overall Unit U Rated Mile instead of A.  nce Deficiency M + 4U Miles	0.06% 0.27% 0.12% 0.54%  Threshold Perceres are present, so	4.55  0.47  5.16  this less that the Overall Enforce M Miles	0.01 0.05 an 10.00%, Il Unit Ratir ement	: however, ng is M  Design & Obsole	& System scence
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility Unit Totals:  Unit No. 02 Sutter Bypass RB  RD1500  Rated Item  Earthen Levee Encroachments	0.02 0.09 0.04  0.18  Overall Unit Rating M *  M Miles	Total Unit Miles 20.72 Maintena	0.02 0.09 0.04  0.18  * Overall Unit U Rated Mile instead of A.  nce Deficiency M + 4U Miles  0.03	0.06% 0.27% 0.12% 0.54%  Threshold Perceres are present, so  Threshold % 0.15%	4.55  0.47  5.16  this less that the Overall	0.01 0.05 an 10.00%, Il Unit Ratir ement	: however, ng is M  Design & Obsole	& System scence
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility Unit Totals:  Unit No. 02 Sutter Bypass RB  RD1500  Rated Item  Earthen Levee Encroachments Animal Control	0.02 0.09 0.04  0.18  Overall Unit Rating M *	Total Unit Miles 20.72 Maintena U Miles	0.02 0.09 0.04  * Overall Unit U Rated Mile instead of A.  nce Deficiency M + 4U Miles  0.03 0.01	0.06% 0.27% 0.12% 0.54%  Threshold Perceres are present, so  Threshold % 0.15% 0.05%	4.55  0.47  5.16  this less that the Overall Enforce M Miles	0.01 0.05 an 10.00%, Il Unit Ratir ement	: however, ng is M  Design & Obsole	& System scence
Trim / Thin Trees Encroachments Animal Control Erosion / Bank Caving Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility Unit Totals:  Unit No. 02 Sutter Bypass RB  RD1500  Rated Item  Earthen Levee Encroachments	0.02 0.09 0.04  0.18  Overall Unit Rating M *  M Miles	Total Unit Miles 20.72 Maintena	0.02 0.09 0.04  0.18  * Overall Unit U Rated Mile instead of A.  nce Deficiency M + 4U Miles  0.03	0.06% 0.27% 0.12% 0.54%  Threshold Perceres are present, so  Threshold % 0.15%	4.55  0.47  5.16  this less that the Overall Enforce M Miles	0.01 0.05 an 10.00%, Il Unit Ratir ement	: however, ng is M  Design & Obsole	& System scence

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

	0	T-1-11 NAA						
RD1600 Reclamation District No. 1600 Mull	Overall LMA Rating	Total LMA Miles						
Reciamation district No. 1000 Mun	U	14.69						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.48		1.48	10.07%				
Trim / Thin Trees	0.02	0.01	0.06	0.41%				
Encroachments	0.16		0.16	1.09%	0.24			
Animal Control		0.01	0.04	0.27%				
Slope Stability	0.07		0.07	0.48%				
Erosion / Bank Caving	0.89		0.89	6.06%				
2015 USACE Erosion Survey, DRAFT	0.80		0.80	5.45%				
DWR UCIP Field Study	0.80		0.80	3.4376	0.08	0.02		
LMA Totals:	3.42	0.02	3.50	23.82%	0.08	0.02	0.00	0.00
LIVIA TOTAIS.	3.42	0.02	3.30	23.02 //	0.32	0.02	0.00	0.00
Unit No. 01 Sacramento River RB	Overall Unit	Total Unit						
	Rating	Miles						
RD1600	U	10.46					D: 0	0
Rated Item		Maintena	nce Deficiency		Enforcement		Design & System Obsolescence	
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	1 10	T	1.10	44.450/			1	
Vegetation	1.48	0.04	1.48	14.15%				
Trim / Thin Trees	0.02	0.01	0.06	0.57%	0.00			
Encroachments	0.04	0.04	0.04	0.38%	0.22			
Animal Control	0.00	0.01	0.04	0.38%				
Slope Stability	0.06		0.06	0.57%				
Erosion / Bank Caving	0.03		0.03	0.29%				
Supplemental 2015 USACE Erosion Survey, DRAFT	0.80		0.80	7.65%				
DWR UCIP Field Study	0.00		0.00	7.0070	0.08	0.01		
Unit Totals:	2.43	0.02	2.51	24.00%	0.30	0.01	0.00	0.00
				200 / 0	0.00	0.0.	0.00	0.00
Unit No. 02 Yolo Bypass LB	Overall Unit Rating	Total Unit Miles						
DD4000	U	4.23						
RD1600	0		5.0.1		l		Design 8	System
Rated Item	NA NAHOO		M + 4U Miles	Throphold 0/	Enforc		Obsole	scénce
Earthen Levee	M Miles	U ivilles	IVI + 40 IVIIIeS	Threshold %	IVI IVIIIeS	U Miles	IVI IVIIIeS	U Miles
Encroachments	0.12		0.12	2.84%	0.02			
Slope Stability	0.01		0.01	0.24%				
Erosion / Bank Caving	0.86		0.86	20.32%				
Supplemental								
DWR UCIP Field Study						0.01		

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

acramento River Basin (cont.)								
RD1601 Reclamation District No. 1601 Twitchell	Overall LMA Rating	Miles						
	Α	2.43						
Rated Item		Maintena	nce Deficiency		Enforc	cement	Design 8 Obsole	& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		ı						
Animal Control	0.01		0.01	0.41%				
Supplemental Charles Supplemental	T				0.07	I		
DWR UCIP Field Study	0.04	0.00	2.24	0.440/	0.07	2.00	0.00	0.00
LMA Totals:	0.01	0.00	0.01	0.41%	0.07	0.00	0.00	0.00
RD1660	Overall LMA	Total LMA						
Reclamation District No. 1660 Tisdale	Rating	Miles						
Recialitation district No. 1000 Fisuale	A	12.04						
		L	nce Deficiency		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Forthon Loves	IVI IVIIIeS	U ivilles	IVI + 40 IVIIIeS	Tillestiola %	IVI IVIIIES	U Miles	IVI IVIIIES	U ivilles
Encroachments					0.46	0.33		
Animal Control	0.01		0.01	0.08%	0.10	0.00		
Slope Stability	0.07		0.07	0.58%				
Supplemental	0.07		0.07	0.0070				
2015 USACE Erosion Survey, DRAFT	0.03		0.03	0.25%				
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility								
LMA Totals:	0.11	0.00	0.11	0.91%	0.49	0.33	0.00	0.00
Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles				1		
RD1660	A	2.94						
1000	, ,	L	nce Deficiency		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIeS	U ivilles	IVI + 40 IVIIIeS	Tillestiola %	IVI IVIIIES	U Miles	IVI IVIIIES	U Miles
Encroachments					0.42	0.33		
Slope Stability	0.05		0.05	1.70%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.03		0.03	1.02%				
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
Unit Totals:	0.08	0.00	0.08	2.72%	0.44	0.33	0.00	0.00
Unit No. 02 Sutter Bypass RB	Overall Unit	Total Unit						
	Rating	Miles						
RD1660	A	9.10			1		Daniera 1	& System
Rated Item		Maintena	nce Deficiency		Enforc	cement		s System escence
Nation Rolli	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee					0.01			
Encroachments			<u> </u>		0.04			
Animal Control	0.01		0.01	0.11%				
Slope Stability	0.02		0.02	0.22%				
Supplemental DWB LICID Field Study					0.04			
DWR UCIP Field Study	0.00	0.00	0.00	0.000/	0.01	0.00	0.00	0.00
Unit Totals:	0.03	0.00	0.03	0.33%	0.05	0.00	0.00	0.00

## Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2035	Overall LMA	Total LMA						
Reclamation District No. 2035 Conaway	Rating	Miles						
	Α	12.15						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee					0.00	l	T	
Encroachments	0.40		0.40	0.000/	6.36			
Flood Preparedness & Training	0.12		0.12	0.99%				
Supplemental  DWR UCIP Field Study					0.08	0.01		
DWR UCIP LMA Responsibility					0.00	0.0.		
LMA Totals:	0.12	0.00	0.12	0.99%	6.44	0.01	0.00	0.00
	-							0.00
Unit No. 01 Cache Creek Settling Basin	Overall Unit	Total Unit Miles						
RB	Rating	2.01						
RD2035	A		5.01		l _ ,		Design 8	System
Rated Item			nce Deficiency	<b>-</b> 1 1 110/		ement	Obsole	scence
0 1 1	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental  DWR UCIP Field Study					0.04			
Unit Totals:	0.00	0.00	0.00	0.00%	0.04	0.00	0.00	0.00
			0.00	0.0070	0.01	0.00	0.00	0.00
Unit No. 02 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles						
RD2035	Α	7.63						
D 4 11		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments					3.98			
Supplemental Charles C					0.04			
DWR UCIP Field Study					0.04			
DWR UCIP LMA Responsibility  Unit Totals:	0.00	0.00	0.00	0.000/	4.02	0.00	0.00	0.00
Unit Totals.	0.00	0.00	0.00	0.00%	4.02	0.00	0.00	0.00
Unit No. 03 Willow Slough Bypass LB	Overall Unit Rating	Total Unit Miles						
RD2035	Α	2.51						
		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments					2.38			
Supplemental								
DWR UCIP Field Study						0.01		
DWR UCIP LMA Responsibility	_		_					
Unit Totals:	0.00	0.00	0.00	0.00%	2.38	0.01	0.00	0.00

# Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2060	Overall LMA	Total LMA						
Reclamation District No. 2060 Hastings	Rating	Miles						
recommender Dietrick No. 2000 Hastings	Α	15.65						
		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					1.66			
Slope Stability	0.02		0.02	0.13%				
Repair Gates	0.02		0.02	0.13%				
Supplemental  DWR UCIP Field Study					0.09			
2017 Storm Damage	1.02		1.02	6.52%	0.03			
LMA Totals:	1.06	0.00	1.06	6.77%	1.75	0.00	0.00	0.00
				<b>3</b> 7,0		0.00	0.00	0.00
Unit No. 01 Lindsey Slough LB	Overall Unit Rating	Total Unit Miles						
RD2060	Α	6.97						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.00		0.00	0.000/		Γ	Γ	
Repair Gates Supplemental	0.02		0.02	0.29%				
DWR UCIP Field Study					0.03			
2017 Storm Damage	0.28		0.28	4.02%				
Unit Totals:	0.30	0.00	0.30	4.30%	0.03	0.00	0.00	0.00
Unit No. 02 Ulatis Creek RB	Overall Unit	Total Unit						
	Rating	Miles						
RD2060	A	3.64						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			I		4.00	Γ	Γ	
Supplemental Encroachments					1.66			
DWR UCIP Field Study					0.03			
Unit Totals:	0.00	0.00	0.00	0.00%	1.69	0.00	0.00	0.00
Unit No. 03 Cache Slough RB	Overall Unit Rating	Total Unit Miles						
RD2060	M	5.03						
ND2000			nce Deficiency		Enforce	ement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	
Earthen Levee	IVI IVIIICS	O WIIICS	IVI I 40 IVIIIeS	THICSHOID 70	INI INIIICS	O IVIIIeS	IVI IVIIICS	O WINGS
Slope Stability	0.02		0.02	0.40%				
Supplemental		· 	T					
DWR UCIP Field Study	_				0.03			
2017 Storm Damage	0.74	0.00	0.74	14.70%	0.00	0.00	0.00	0.66
Unit Totals:	0.76	0.00	0.76	15.10%	0.03	0.00	0.00	0.00

## Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2068 Reclamation District No. 2068 Yolano	Overall LMA Rating	Total LMA Miles						
Reciamation District No. 2000 Tolano	M	8.71						
Rated Item			nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Trim / Thin Trees	0.01		0.01	0.12%				
Crown Surface / Depressions / Rutting	1.40		1.40	16.08%				
Supplemental								
DWR UCIP Field Study					0.13			
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.18		0.18	2.07%				
LMA Totals:	1.59	0.00	1.59	18.26%	0.13	0.00	0.00	0.00
Unit No. 01 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles						
RD2068	U	5.48						
102000			nce Deficiency		Enforce	ement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Conthan Layer	IVI IVIIIES	O ivilles	IVI + 40 IVIIIes	Tillesiloid /6	IVI IVIIIES	O Miles	IVI IVIIIES	O IVIIIes
Earthen Levee Trim / Thin Trees	0.01		0.01	0.18%				
Crown Surface / Depressions / Rutting	1.40		1.40	25.53%				
Supplemental	1.40		1.40	20.0070				
DWR UCIP Field Study					0.05			
2017 Storm Damage	0.18		0.18	3.28%				
Unit Totals:	1.59	0.00	1.59	29.00%	0.05	0.00	0.00	0.00
Unit No. 02 Back Levee LB	Overall Unit	Total Unit			-			
Unit No. 02 Back Levee LB	Rating	Miles						
RD2068	Α	3.22						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental			<u> </u>					
DWR UCIP Field Study					0.08			
DWR UCIP LMA Responsibility								
Unit Totals:	0.00	0.00	0.00	0.00%	0.08	0.00	0.00	0.00

# Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2098 Reclamation District No. 2098 Cache	Overall LMA Rating	Total LMA Miles						
and Haas Slough	U	10.91			1		<b>D</b>	
Rated Item		Maintenance Deficiency					Obsole	System scence
Rateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	4.41		4.41	40.44%				
Trim / Thin Trees	0.01		0.01	0.09%				
Encroachments	0.02		0.02	0.18%	0.01			
Slope Stability	0.02		0.02	0.18%				
Erosion / Bank Caving	0.50		0.50	4.59%				
Cracking		0.01	0.04	0.37%				
Crown Surface / Depressions / Rutting	0.86		0.86	7.89%				
Repair Gates	0.02		0.02	0.18%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.39		0.39	3.58%				
DWR UCIP Field Study					0.13	0.04		
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.21		0.21	1.93%				
LMA Totals:	6.44	0.01	6.48	59.42%	0.14	0.04	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Yolo Bypass RB	Overall Unit Rating	Total Unit Miles						
PD2008	U	3.60						
RD2098			nce Deficiency		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	1.39		1.39	38.64%				
Trim / Thin Trees	0.01		0.01	0.28%				
Erosion / Bank Caving	0.45		0.45	12.51%				
Crown Surface / Depressions / Rutting	0.34		0.34	9.45%				
Supplemental DWB LICID Field Street				 	0.07	I	I	l
DWR UCIP Field Study	0.12		0.12	2 2 40/	0.07			
2017 Storm Damage  Unit Totals:		0.00	_	3.34%	0.07	0.00	0.00	0.00
Unit Totals:	2.31	0.00	2.31	64.21%	0.07	0.00	0.00	0.00
Unit No. 01A Cross Levee RB	Overall Unit Rating	Total Unit Miles						
RD2098	U	0.53						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		U Miles
Earthen Levee								
Vegetation	1.04		1.04	197.86%				
Unit Totals:	1.04	0.00	1.04	197.86%	0.00	0.00	0.00	0.00
Unit No. 02 Cache Slough LB	Overall Unit Rating	Total Unit Miles						
RD2098	U	1.89						
2		Maintena	nce Deficiency		Enforc	ement	Design &	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	1.98		1.98	104.52%				
Encroachments	0.01		0.01	0.53%	0.01			
Repair Gates	0.02		0.02	1.06%				
Supplemental DWD LICID Field Charles	I				0.00			
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility	0.05		0.05	0.040/				
2017 Storm Damage	0.05	0.00	0.05	2.64%	0.00	0.00	0.00	0.00
Unit Totals:	2.06	0.00	2.06	108.75%	0.03	0.00	0.00	0.00
Unit No. 03 Haas Slough RB	Overall Unit Rating	Total Unit Miles						
RD2098	U	1.94						
2		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments	0.01		0.01	0.52%				
Slope Stability	0.01		0.01	0.52%				
Cracking		0.01	0.04	2.07%				
Crown Surface / Depressions / Rutting	0.22		0.22	11.36%				
Supplemental	0.00		0.00	00.4.407				
2015 USACE Erosion Survey, DRAFT	0.39		0.39	20.14%	0.04			
DWR UCIP Field Study	0.04		0.04	0.070/	0.01			
2017 Storm Damage	0.04	0.04	0.04	2.07%	0.04	0.00	0.00	0.00
Unit Totals:	0.67	0.01	0.71	36.67%	0.01	0.00	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

. ,								
Unit No. 04 Back Levee LB	Overall Unit Rating	Total Unit Miles						
RD2098	M	2.95						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee				T			1	T
Slope Stability	0.01		0.01	0.34%				
Erosion / Bank Caving	0.05		0.05	1.69%				
Crown Surface / Depressions / Rutting	0.30		0.30	10.16%				
Supplemental Supplemental			T	I	0.00	0.04	I	I
DWR UCIP Field Study					0.03	0.04		
Unit Totals:	0.36	0.00	0.36	12.20%	0.03	0.04	0.00	0.00
RD2103 Reclamation District No. 2103	Overall LMA Rating	Total LMA Miles						
Wheatland Vicinity	U	9.53						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	3.47		3.47	36.42%				
Encroachments					0.48			
Animal Control	0.02		0.02	0.21%				
Supplemental								
DWR UCIP Field Study					0.20	0.02		
LMA Totals:	3.49	0.00	3.49	36.63%	0.68	0.02	0.00	0.00
Unit No. 01 South Dry Creek LB	Overall Unit Rating	Total Unit Miles						
RD2103	A	4.64						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.48			
Animal Control	0.02		0.02	0.43%				
Supplemental			T	I			ı	ı
DWR UCIP Field Study	0.00	0.00	2.22	0.400/	0.11	0.01	0.00	0.00
Unit Totals:	0.02	0.00	0.02	0.43%	0.59	0.01	0.00	0.00
Unit No. 02 Bear River RB	Overall Unit Rating	Total Unit Miles						
RD2103	U	4.88						
Data dilitare		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	3.47		3.47	71.07%				
Supplemental			T	l	0.00	0.51		
DWR UCIP Field Study		0.00	0 :-	74.6-07	0.09	0.01	0.00	0.00
Unit Totals:	3.47	0.00	3.47	71.07%	0.09	0.01	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2104	Overall LMA	Total LMA						
Reclamation District No. 2104 Peters	Rating	Miles						
Pocket Tract	U	6.85						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.56		1.56	22.78%				
Slope Stability	0.02	0.01	0.06	0.88%				
Erosion / Bank Caving	0.11	0.01	0.15	2.19%				
Cracking	0.01		0.01	0.15%				
Crown Surface / Depressions / Rutting	6.67		6.67	97.40%				
Flood Preparedness & Training	0.07		0.07	1.02%				
Supplemental								
DWR UCIP Field Study					0.06	0.02		
DWR UCIP LMA Responsibility								
LMA Totals:	8.44	0.02	8.52	124.41%	0.06	0.02	0.00	0.00

ST0001 Sacramento Maintenance Yard Cache	Overall LMA Rating	Total LMA Miles							
Creek	Α	25.43							
Rated Item		Maintena	nce Deficiency	Deficiency Enforcement				Design & System Obsolescence	
Rateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation	0.02		0.02	0.08%	0.27				
Trim / Thin Trees	0.15		0.15	0.59%					
Encroachments	0.03		0.03	0.12%	2.07				
Animal Control	0.03		0.03	0.12%					
Erosion / Bank Caving	0.01		0.01	0.04%					
Supplemental									
DWR UCIP Field Study					0.07				
2017 Storm Damage	0.01		0.01	0.04%					
LMA Totals:	0.25	0.00	0.25	0.98%	2.41	0.00	0.00	0.00	

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 North Levee LB	Overall Unit	Total Unit Miles						
	Rating							
ST0001	A	11.69			T		Design 8	& System
Rated Item			nce Deficiency			cement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.01		0.01	0.09%	0.17			
Trim / Thin Trees	0.01		0.01	0.09%	0.17			
Encroachments	0.02		0.02	0.17%	1.26			
Animal Control	0.03		0.03	0.26%	0			
Supplemental								
DWR UCIP Field Study					0.07			
Unit Totals:	0.07	0.00	0.07	0.60%	1.50	0.00	0.00	0.00
Unit No. 02 South Levee RB	Overall Unit	Total Unit						
Onit No. 02 South Levee NB	Rating	Miles						
ST0001	Α	11.48						
			nce Deficiency		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		000		71		000		000
Vegetation	0.01		0.01	0.09%	0.10			
Trim / Thin Trees	0.14		0.14	1.22%				
Encroachments	0.01		0.01	0.09%	0.81			
Erosion / Bank Caving	0.01		0.01	0.09%				
Unit Totals:	0.17	0.00	0.17	1.48%	0.91	0.00	0.00	0.00
	0 "11"							
Unit No. 04 East Training Levee of	Overall Unit	Total Unit						
Unit No. 04 East Training Levee of Cache Creek Settling Basin LB	Rating	Miles						
<u> </u>								
Cache Creek Settling Basin LB ST0001	Rating	Miles <b>2.26</b>	nce Deficiency		Enforc	cement		& System
Cache Creek Settling Basin LB	Rating	Miles <b>2.26</b>	nce Deficiency M + 4U Miles	Threshold %	Enforce M Miles	cement U Miles		
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental	Rating A M Miles	Miles 2.26 Maintena	M + 4U Miles				Obsole	scence
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental 2017 Storm Damage	A M Miles	Miles 2.26  Maintena U Miles	M + 4U Miles  0.01	0.44%	M Miles	U Miles	Obsole M Miles	U Miles
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental	Rating A M Miles	Miles 2.26 Maintena	M + 4U Miles				Obsole	scence
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage  Unit Totals:	A M Miles  0.01 0.01	Miles 2.26 Maintena U Miles  0.00	0.01 0.01	0.44%	M Miles	U Miles	Obsole M Miles  0.00	U Miles
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:	A M Miles	Miles 2.26  Maintena U Miles	0.01 0.01 * Overall LMA	0.44%	M Miles  0.00  ent is less th	0.00	Obsole M Miles  0.00	U Miles
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage  Unit Totals:	A M Miles  0.01 0.01  Overall LMA	Miles 2.26 Maintena U Miles  0.00  Total LMA	0.01 0.01 * Overall LMA	0.44% 0.44% Threshold Perce Rated Miles are p	M Miles  0.00  ent is less th	0.00	Obsole M Miles  0.00	U Miles
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:  ST0002 Sutter Maintenance Yard East Levee Sutter Bypass	A M Miles  0.01 0.01 Overall LMA Rating	Miles 2.26 Maintena U Miles  0.00  Total LMA Miles 21.68	0.01 0.01 * Overall LMA however, U	0.44% 0.44% Threshold Perce Rated Miles are p	M Miles  0.00  ent is less the present, so	0.00	Obsole M Miles  0.00	U Miles  0.00
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:  ST0002 Sutter Maintenance Yard East Levee	A M Miles  0.01 0.01  Overall LMA Rating M *	Miles 2.26 Maintena U Miles  0.00  Total LMA Miles 21.68 Maintena	M + 4U Miles  0.01 0.01  * Overall LMA however, U Rating is M I	0.44% 0.44% Threshold Perce Rated Miles are prinstead of A.	0.00  ont is less the present, so	0.00  onan 10.00% the Overall	Obsole M Miles  0.00  5; LMA  Design 8 Obsole	U Miles  0.00
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:  ST0002  Sutter Maintenance Yard East Levee Sutter Bypass  Rated Item  Earthen Levee	A M Miles  0.01 0.01 Overall LMA Rating	Miles 2.26 Maintena U Miles  0.00  Total LMA Miles 21.68	M + 4U Miles  0.01 0.01  * Overall LMA however, U Rating is Miles	0.44% 0.44% Threshold Perce Rated Miles are prinstead of A.	M Miles  0.00  ent is less the present, so	U Miles  0.00  nan 10.00% the Overall  cement  U Miles	Obsole M Miles  0.00	U Miles  0.00
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:  ST0002 Sutter Maintenance Yard East Levee Sutter Bypass  Rated Item  Earthen Levee  Encroachments	A M Miles  0.01 0.01  Overall LMA Rating M *	Miles 2.26 Maintena U Miles  0.00  Total LMA Miles 21.68 Maintena	M + 4U Miles  0.01 0.01  * Overall LMA however, U Rating is M Ince Deficiency M + 4U Miles	0.44% 0.44% Threshold Perce Rated Miles are p instead of A.  Threshold %	0.00  ont is less the present, so	0.00  onan 10.00% the Overall	Obsole M Miles  0.00  5; LMA  Design 8 Obsole	U Miles  0.00
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:  ST0002 Sutter Maintenance Yard East Levee Sutter Bypass  Rated Item  Earthen Levee  Encroachments Animal Control	A M Miles  0.01 0.01  Overall LMA Rating M *  M Miles	Miles 2.26 Maintena U Miles  0.00  Total LMA Miles 21.68 Maintena	M + 4U Miles  0.01 0.01  * Overall LMA however, U. Rating is M II nce Deficiency M + 4U Miles  0.03	0.44% 0.44%  Threshold Perce Rated Miles are prinstead of A.  Threshold %  0.14%	0.00  ont is less the present, so	U Miles  0.00  nan 10.00% the Overall  cement  U Miles	Obsole M Miles  0.00  5; LMA  Design 8 Obsole	U Miles  0.00
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:  ST0002  Sutter Maintenance Yard East Levee Sutter Bypass  Rated Item  Earthen Levee  Encroachments Animal Control Slope Stability	A M Miles  0.01 0.01  Overall LMA Rating M *  M Miles	Miles 2.26  Maintena U Miles  0.00  Total LMA Miles 21.68  Maintena U Miles	M + 4U Miles  0.01 0.01  * Overall LMA however, U Rating is M Ince Deficiency M + 4U Miles  0.03 0.03	0.44% 0.44%  Threshold Perce Rated Miles are prinstead of A.  Threshold %  0.14% 0.14%	0.00  ont is less the present, so	U Miles  0.00  nan 10.00% the Overall  cement  U Miles	Obsole M Miles  0.00  5; LMA  Design 8 Obsole	U Miles  0.00
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:  ST0002 Sutter Maintenance Yard East Levee Sutter Bypass  Rated Item  Earthen Levee  Encroachments Animal Control Slope Stability Erosion / Bank Caving	A M Miles  0.01 0.01  Overall LMA Rating M *  M Miles	Miles 2.26 Maintena U Miles  0.00  Total LMA Miles 21.68 Maintena	M + 4U Miles  0.01 0.01  * Overall LMA however, U. Rating is M II nce Deficiency M + 4U Miles  0.03	0.44% 0.44%  Threshold Perce Rated Miles are prinstead of A.  Threshold %  0.14%	0.00  ont is less the present, so	U Miles  0.00  nan 10.00% the Overall  cement  U Miles	Obsole M Miles  0.00  5; LMA  Design 8 Obsole M Miles	U Miles  0.00
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:  ST0002  Sutter Maintenance Yard East Levee Sutter Bypass  Rated Item  Earthen Levee  Encroachments Animal Control Slope Stability Erosion / Bank Caving Cracking	A M Miles  0.01 0.01  Overall LMA Rating M *  M Miles	Miles 2.26  Maintena U Miles  0.00  Total LMA Miles 21.68  Maintena U Miles	M + 4U Miles  0.01 0.01  * Overall LMA however, U Rating is M Ince Deficiency M + 4U Miles  0.03 0.03	0.44% 0.44%  Threshold Perce Rated Miles are prinstead of A.  Threshold %  0.14% 0.14%	0.00  ont is less the present, so	U Miles  0.00  nan 10.00% the Overall  cement  U Miles	Obsole M Miles  0.00  5; LMA  Design 8 Obsole	U Miles  0.00
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:  ST0002  Sutter Maintenance Yard East Levee Sutter Bypass  Rated Item  Earthen Levee  Encroachments Animal Control Slope Stability Erosion / Bank Caving Cracking  Supplemental	A M Miles  O.01 Overall LMA Rating M *  M Miles  O.03 O.03 O.03	Miles 2.26  Maintena U Miles  0.00  Total LMA Miles 21.68  Maintena U Miles	M + 4U Miles  0.01 0.01  * Overall LMA however, Unating is Miles  0.03 0.03 0.13	0.44% 0.44%  Threshold Perce Rated Miles are p instead of A.  Threshold %  0.14% 0.14% 0.60%	0.00  ont is less the present, so	U Miles  0.00  nan 10.00% the Overall  cement  U Miles	Obsole M Miles  0.00  5; LMA  Design 8 Obsole M Miles	U Miles  0.00
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:  ST0002  Sutter Maintenance Yard East Levee Sutter Bypass  Rated Item  Earthen Levee  Encroachments Animal Control Slope Stability Erosion / Bank Caving Cracking  Supplemental 2015 USACE Erosion Survey, DRAFT	A M Miles  0.01 0.01  Overall LMA Rating M *  M Miles	Miles 2.26  Maintena U Miles  0.00  Total LMA Miles 21.68  Maintena U Miles	M + 4U Miles  0.01 0.01  * Overall LMA however, U Rating is M Ince Deficiency M + 4U Miles  0.03 0.03	0.44% 0.44%  Threshold Perce Rated Miles are prinstead of A.  Threshold %  0.14% 0.14%	0.00  ont is less the present, so  Enforce M Miles	0.00  nan 10.00% the Overall  cement  U Miles  0.01	Obsole M Miles  0.00  5; LMA  Design 8 Obsole M Miles	U Miles  0.00
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:  ST0002 Sutter Maintenance Yard East Levee Sutter Bypass  Rated Item  Earthen Levee  Encroachments Animal Control Slope Stability Erosion / Bank Caving Cracking  Supplemental 2015 USACE Erosion Survey, DRAFT DWR UCIP Field Study	A M Miles  O.01 Overall LMA Rating M *  M Miles  O.03 O.03 O.03	Miles 2.26  Maintena U Miles  0.00  Total LMA Miles 21.68  Maintena U Miles	M + 4U Miles  0.01 0.01  * Overall LMA however, Unating is Miles  0.03 0.03 0.13	0.44% 0.44%  Threshold Perce Rated Miles are p instead of A.  Threshold %  0.14% 0.14% 0.60%	0.00  ont is less the present, so	U Miles  0.00  nan 10.00% the Overall  cement  U Miles	Obsole M Miles  0.00  5; LMA  Design 8 Obsole M Miles	U Miles  0.00
Cache Creek Settling Basin LB ST0001  Rated Item  Supplemental  2017 Storm Damage Unit Totals:  ST0002  Sutter Maintenance Yard East Levee Sutter Bypass  Rated Item  Earthen Levee  Encroachments Animal Control Slope Stability Erosion / Bank Caving Cracking  Supplemental 2015 USACE Erosion Survey, DRAFT	A M Miles  O.01  Overall LMA Rating  M *  M Miles	Miles 2.26  Maintena U Miles  0.00  Total LMA Miles 21.68  Maintena U Miles	M + 4U Miles  0.01 0.01  * Overall LMA however, Unating is Miles  0.03 0.03 0.13	0.44% 0.44%  Threshold Perce Rated Miles are p instead of A.  Threshold %  0.14% 0.14% 0.60%	0.00  ont is less the present, so  Enforce M Miles	0.00  nan 10.00% the Overall  cement  U Miles  0.01	Obsole M Miles  0.00  5; LMA  Design 8 Obsole M Miles	U Miles  0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

ST0003 Sutter Maintenance Yard East Levee	Overall LMA Rating	Total LMA Miles						
Sacramento River	M	26.82						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.06		0.06	0.22%				
Trim / Thin Trees	0.02		0.02	0.08%				
Encroachments					2.16	0.06		
Animal Control	0.03		0.03	0.11%				
Slope Stability	0.10	1.02	4.18	15.58%				
Erosion / Bank Caving	0.01	0.01	0.05	0.19%				
Supplemental								
2015 USACE Erosion Survey, DRAFT	0.36		0.36	1.34%				
DWR UCIP Field Study					0.33	0.07		
DWR UCIP LMA Responsibility								
LMA Totals:	0.58	1.03	4.70	17.52%	2.49	0.13	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Sacramento River LB	Overall Unit	Total Unit							
	Rating	Miles							
ST0003	A	19.85					Design 8	& System	
Rated Item	NA NATI		nce Deficiency	The second second 04		ement	Obsolescence		
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Vegetation	0.03		0.03	0.15%					
Trim / Thin Trees	0.02		0.02	0.10%					
Encroachments					1.40	0.06			
Animal Control	0.03		0.03	0.15%					
Slope Stability	0.09		0.09	0.45%					
Supplemental		1							
2015 USACE Erosion Survey, DRAFT	0.36		0.36	1.81%	0.00	0.07			
DWR UCIP Field Study					0.32	0.07			
DWR UCIP LMA Responsibility  Unit Totals:	0.53	0.00	0.53	2.67%	1.72	0.13	0.00	0.00	
Offic Totals.	0.55	0.00	0.55	2.07%	1.72	0.13	0.00	0.00	
Unit No. 02 Colusa Bypass RB	Overall Unit	Total Unit		Threshold Percei			6; however,		
	Rating	Miles	U Rated Mile instead of A	es are present, so	the Overa	II Unit Ratii	ng is M		
ST0003	M *	2.20		•			Design 8	& System	
Rated Item			nce Deficiency			ement	Obsole	scence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee Vegetation	0.01		0.01	0.46%					
Erosion / Bank Caving	0.01	0.01	0.04	1.82%					
Supplemental		0.01	0.04	1.0270					
DWR UCIP Field Study					0.01				
Unit Totals:	0.01	0.01	0.05	2.27% *	0.01	0.00	0.00	0.00	
Unit No. 03 Colusa Bypass LB	Overall Unit Rating	Total Unit Miles							
ST0003	U	2.29							
Detect them		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee		1							
Vegetation	0.02		0.02	0.87%	0.40				
Encroachments	0.04	4.00	4.00	470.040/	0.16				
Slope Stability	0.01	1.02	4.09	178.81%					
Erosion / Bank Caving  Unit Totals:	0.01	1.02	0.01 4.12	0.44% 180.12%	0.16	0.00	0.00	0.00	
Offic Totals.	0.04	1.02	4.12	100.1276	0.10	0.00	0.00	0.00	
Unit No. 04 Moulton Bypass RB	Overall Unit Rating	Miles							
ST0003	Α	0.30					D : -	0.00	
Rated Item		Maintena	nce Deficiency		Enforc	ement		k System scence	
Nated Refit	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
No Items									
Unit Totals:	0.00	0.00	0.00	0.00%					

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Sacramento River Basin (cont.)								
Unit No. 05 Moulton Bypass LB	Overall Unit Rating	Total Unit Miles						
ST0003	Α	2.19						
<b>5</b>		Maintena	nce Deficiency		Enforc	System scence		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.60			
Unit Totals:	0.00	0.00	0.00	0.00%	0.60	0.00	0.00	0.00
ST0004	Overall LMA Rating	Total LMA Miles						
Sacramento Maintenance Yard East	-							
Levee Yolo Bypass	A	2.01			1		Design 8	System
Rated Item			nce Deficiency			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
LMA Totals:	0.00	0.00	0.00	0.00%				
OTO005	Overell I MA	Total I MAA						
ST0005	Overall LMA Rating	Total LMA Miles						
Sutter Maintenance Yard Hamilton Bend	U	3.39						
		L	nce Deficiency		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles	
Earthen Levee	W Willes	O IVIIICS	IVI 1 40 IVIIIC3	THICSHOID 70	IVI IVIIICS	O WIIICS	IVI IVIIIC3	O IVIIICS
Vegetation	1.43	0.01	1.47	43.31%				
Trim / Thin Trees	1.36	1.11	5.80	170.86%				
Encroachments					0.18			
Supplemental								
DWR UCIP Field Study					0.02			
LMA Totals:	2.79	1.12	7.27	214.17%	0.20	0.00	0.00	0.00
ST0006	Overall LMA Rating	Total LMA Miles						
Sutter Maintenance Yard Nelson Bend	Railing							
	- 11	0.50						
	U	0.50	5.0				Design 8	k System
Rated Item		Maintena	nce Deficiency			ement	Obsole	
	M Miles		nce Deficiency M + 4U Miles	Threshold %	Enforce M Miles	ement U Miles		scence
Earthen Levee	M Miles	Maintena U Miles	M + 4U Miles				Obsole	scence
Earthen Levee Vegetation		Maintena U Miles  0.84	M + 4U Miles 3.42	687.99%			Obsole	scence
Earthen Levee  Vegetation  Trim / Thin Trees	M Miles	Maintena U Miles	M + 4U Miles			U Miles	Obsole	scence
Earthen Levee Vegetation	M Miles	Maintena U Miles  0.84	M + 4U Miles 3.42	687.99%			Obsole	scence

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

ST0007	Overall LMA		* Overall LMA	" Overall ENIX Threshold Ferencies less than 10.0070,					
Sacramento Maintenance Yard Putah	Rating	Miles	however, U Rating is M	Rated Miles are p	resent, so t	the Overall	LMA		
Creek	M *	15.98	raung is wi	noteda or A.			Dosign 8	& System	
Rated Item		1	nce Deficiency			ement	Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
<u>Earthen Levee</u> Vegetation	0.01	0.03	0.13	0.81%	0.16				
Trim / Thin Trees	0.01	0.03	0.13	0.01%	0.10				
Encroachments	0.02		0.02	0.13%	1.99	0.39			
Supplemental	0.01		0.01	0.06%	1.99	0.39			
2015 USACE Erosion Survey, DRAFT	0.05		0.05	0.31%					
DWR UCIP Field Study	0.00		0.00	0.0.70	0.16				
DWR UCIP LMA Responsibility					0.10				
LMA Totals:	0.09	0.03	0.21	1.31% *	2.31	0.39	0.00	0.00	
Unit No. 04 Pertob Const. on North	Overell Hair	Total Us'							
Unit No. 01 Putah Creek or North Levee LB	Overall Unit Rating	Total Unit Miles							
ST0007	A	8.79			1		Design 8	& System	
Rated Item			nce Deficiency		Enforcement		Obsole	scence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee	0.04	I	0.04	0.11%					
Vegetation	0.01		0.01						
Trim / Thin Trees	0.02		0.02	0.23%	4.70				
Encroachments					1.73				
Supplemental 2015 USACE Erosion Survey, DRAFT	0.05		0.05	0.57%					
DWR UCIP Field Study	0.00		0.00	0.07 70	0.07				
DWR UCIP LMA Responsibility					0.07				
Unit Totals:	0.08	0.00	0.08	0.91%	1.80	0.00	0.00	0.00	
Offit Totals.	0.08	0.00	0.08	0.9176	1.00	0.00	0.00	0.00	
Unit No. 02 Putah Creek or South Levee RB	Overall Unit Rating	Total Unit Miles	* Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M						
ST0007	M *	7.20	instead of A.	•			J		
		Maintena	nce Deficiency		Enforcement		Design & System Obsolescence		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Vegetation		0.03	0.12	1.67%	0.16				
Encroachments	0.01		0.01	0.14%	0.26	0.39			
Supplemental									
DWR UCIP Field Study					0.09				
DWR UCIP LMA Responsibility									
Unit Totals:	0.01	0.03	0.13	1.81% *	0.51	0.39	0.00	0.00	

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

ST0008	Overall LMA	Total LMA							
Sacramento Maintenance Yard	Rating	Miles							
Sacramento Bypass	A	3.52							
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & Syster Obsolescence		
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Encroachments	0.04		0.04	1.14%					
Animal Control	0.01		0.01	0.28%					
Erosion / Bank Caving	0.03		0.03	0.85%					
Supplemental	l					ı	T		
DWR UCIP Field Study					0.02				
LMA Totals:	0.08	0.00	0.08	2.27%	0.02	0.00	0.00	0.00	
Unit No. 01 Sacramento Bypass or	Overall Unit	Total Unit							
North Levee RB	Rating	Miles							
ST0008	Α	1.74							
010000			nce Deficiency		Enforc	ement	Design & System		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	scence U Miles	
Earthen Levee	IVI IVIIIES	O ivilles	IVI + 40 IVIIIes	Tillesiloid /6	IVI IVIIIES	O Miles	IVI IVIIIES	O ivilles	
Encroachments	0.01		0.01	0.58%					
Erosion / Bank Caving	0.02		0.02	1.15%					
Supplemental	0.02		0.02	1.1070					
DWR UCIP Field Study					0.02				
Unit Totals:	0.03	0.00	0.03	1.73%	0.02	0.00	0.00	0.00	
Unit No. 02 Sacramento Bypass or South Levee LB	Overall Unit Rating	Total Unit Miles							
ST0008	Α	1.79							
		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	u Miles	
Earthen Levee	IVI IVIIIES	O WIIIes	IVI + 40 IVIIIes	Tillesiloid /8	IVI IVIIICS	O Willes	IVI IVIIICS	O IVIIIes	
Encroachments	0.03		0.03	1.68%					
Animal Control	0.01		0.01	0.56%					
Erosion / Bank Caving	0.01		0.01	0.500/					
	0.0.		0.01	0.56%					
Unit Lotals:	0.05	0.00		0.56% 2.80%	0.00	0.00	0.00	0.00	
Unit Totals:	0.05	0.00	0.01	0.56% 2.80%	0.00	0.00	0.00	0.00	
	0.05 Overall LMA	0.00	0.05	2.80%				0.00	
ST0009			* Overall LMA however, U	2.80%  Threshold Perce Rated Miles are p	nt is less th	nan 10.00%	ó;	0.00	
	Overall LMA	Total LMA	* Overall LMA however, U	2.80% Threshold Perce	nt is less th	nan 10.00%	ó;	0.00	
ST0009 Sutter Maintenance Yard Tisdale Bypass	Overall LMA Rating	Total LMA Miles 8.94	Overall LMA however, U Rating is M I	2.80%  Threshold Perce Rated Miles are p	nt is less th	an 10.00% the Overall	5; LMA Design 8	System	
ST0009 Sutter Maintenance Yard Tisdale	Overall LMA Rating M *	Total LMA Miles 8.94 Maintena	* Overall LMA however, U Rating is M I	2.80%  Threshold Perce Rated Miles are p instead of A.	nt is less the resent, so the Enforce	ean 10.00% the Overall	<i>LMA</i> Design & Obsole	System scence	
ST0009 Sutter Maintenance Yard Tisdale Bypass Rated Item	Overall LMA Rating	Total LMA Miles 8.94	Overall LMA however, U Rating is M I	2.80%  Threshold Perce Rated Miles are p	nt is less th	an 10.00% the Overall	5; LMA Design 8	System scence	
ST0009 Sutter Maintenance Yard Tisdale Bypass	Overall LMA Rating M *	Total LMA Miles 8.94 Maintena	* Overall LMA however, U Rating is M I	2.80%  Threshold Perce Rated Miles are p instead of A.	nt is less the resent, so the Enforce	ean 10.00% the Overall	<i>LMA</i> Design & Obsole	System scence	
ST0009 Sutter Maintenance Yard Tisdale Bypass  Rated Item  Earthen Levee	Overall LMA Rating M *	Total LMA Miles 8.94 Maintena	* Overall LMA however, U Rating is M I	2.80%  Threshold Perce Rated Miles are p instead of A.  Threshold %	nt is less the resent, so the Enforce M Miles	ean 10.00% the Overall	<i>LMA</i> Design & Obsole	System scence	
ST0009 Sutter Maintenance Yard Tisdale Bypass  Rated Item  Earthen Levee  Encroachments Animal Control	Overall LMA Rating M *  M Miles	Total LMA Miles 8.94 Maintena U Miles	Overall LMA however, Use Rating is Mince Deficiency     M + 4U Miles  0.05	2.80%  Threshold Perce Rated Miles are p instead of A.  Threshold %  0.56%	nt is less the resent, so the Enforce M Miles	ean 10.00% the Overall	<i>LMA</i> Design & Obsole	System scence	
ST0009 Sutter Maintenance Yard Tisdale Bypass  Rated Item  Earthen Levee  Encroachments Animal Control Erosion / Bank Caving	Overall LMA Rating M *	Total LMA Miles 8.94 Maintena U Miles	Overall LMA however, U Rating is Mince Deficiency     M + 4U Miles	2.80%  Threshold Perce Rated Miles are p instead of A.  Threshold %	nt is less the resent, so the Enforce M Miles	ean 10.00% the Overall	<i>LMA</i> Design & Obsole	System scence	
ST0009 Sutter Maintenance Yard Tisdale Bypass  Rated Item  Earthen Levee  Encroachments Animal Control	Overall LMA Rating M *  M Miles	Total LMA Miles 8.94 Maintena U Miles	Overall LMA however, Use Rating is Mince Deficiency     M + 4U Miles  0.05	2.80%  Threshold Perce Rated Miles are p instead of A.  Threshold %  0.56%	nt is less the resent, so the Enforce M Miles	ean 10.00% the Overall	<i>LMA</i> Design & Obsole	System scence	

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

# Sacramento River Basin (cont.)

Sacramento River Basin (cont.)									
Unit No. 01 Tisdale Bypass LB	Overall Unit Rating	Total Unit Miles	Overall Unit Threshold Percent is less than 10.00%; however, U Rated Miles are present, so the Overall Unit Rating is M						
ST0009	M *	4.51	instead of A.						
Detect live in		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles		
Earthen Levee									
Encroachments					1.93				
Animal Control	0.01	0.01	0.05	1.11%					
Supplemental		1	l			T			
DWR UCIP Field Study					0.03				
Unit Totals:	0.01	0.01	0.05	1.11% *	1.96	0.00	0.00	0.00	
Unit No. 02 Tisdale Bypass RB	Overall Unit Rating	Total Unit Miles							
ST0009	Α	4.43							
<b>5</b>	Maintenance Deficiency			Enforcement		Design & System Obsolescence			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee									
Encroachments					0.15				
Erosion / Bank Caving	0.04		0.04	0.90%					
Supplemental		I							
DWR UCIP Field Study					0.01	0.01			
Unit Totals:	0.04	0.00	0.04	0.90%	0.16	0.01	0.00	0.00	
	0 "11111	T							
ST0010	Overall LMA Rating	Total LMA Miles							
Sutter Maintenance Yard Wadsworth Canal	U	9.22							
Carra	0		5.0.		I		Design 8	System	
Rated Item			nce Deficiency	<b>T</b>		ement	Obsole	scence	
5 " 1	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles	
Earthen Levee Animal Control	0.03	0.01	0.07	0.76%					
Slope Stability	0.03	0.01	0.07	0.70%					
	0.02	0.02	0.02	7.26%					
Erosion / Bank Caving	0.55	0.03	0.07	1.2070			0.04		
Supplemental Cracking							0.01		
2015 USACE Erosion Survey, DRAFT	3.04		3.04	32.96%					
DWR UCIP Field Study	0.0.		0.0.	02.0070	0.10	0.01			
DWR UCIP LMA Responsibility					0.10	0.01			
DVVIX OOT LIVIA RESPONSIBILITY									

LMA Totals:

3.64

0.04

3.80

41.20%

0.10

0.01

0.01

0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Wadsworth Canal LB	Overall Unit Rating	Total Unit Miles						
ST0010	U	4.63						
010010			nce Deficiency		Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles
Earthen Levee			1			1	1	
Animal Control	0.02		0.02	0.43%				
Erosion / Bank Caving	0.13	0.03	0.25	5.40%				
Supplemental 2015 USACE Erosion Survey, DRAFT	1.52		1.50	22.969/		1	1	
	1.52		1.52	32.86%	0.05			
DWR UCIP Field Study  DWR UCIP LMA Responsibility					0.05			
· · · · · · · · · · · · · · · · · · ·	1.67	0.02	1.70	20.600/	0.05	0.00	0.00	0.00
Unit Totals:	1.67	0.03	1.79	38.69%	0.05	0.00	0.00	0.00
Unit No. 02 Wadsworth Canal RB	Overall Unit Rating	Total Unit Miles						
	U	4.60						
ST0010	U						Design 8	& System
Rated Item			nce Deficiency	<b>-</b>	Enforcement		Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Animal Control	0.01	0.01	0.05	1.09%				
Slope Stability	0.02	0.01	0.02	0.44%				
Erosion / Bank Caving	0.42		0.42	9.13%				
Cracking	0.12		0.12	0.1070			0.01	
Supplemental							0.01	
2015 USACE Erosion Survey, DRAFT	1.52		1.52	33.06%				
DWR UCIP Field Study					0.05	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	1.97	0.01	2.01	43.71%	0.05	0.01	0.01	0.00
ST0011	Overall LMA	Total LMA						
Sacramento Maintenance Yard West	Rating	Miles						
Levee Yolo Bypass	Α	9.01						
Rated Item		Maintena	nce Deficiency		Enforc	cement	Design 8 Obsole	& System scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	1		I		F 47			
Encroachments	0.04		0.04	0.440/	5.47			
Animal Control	0.01		0.01	0.11%				
Erosion / Bank Caving	0.01		0.01	0.11%				
Cracking	0.01		0.01	0.11%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.11%				
Supplemental 2015 USACE Erosion Survey, DRAFT	0.16		0.16	1.78%				
DWR UCIP Field Study	00		55	0,0	0.08	0.01		
LMA Totals:	0.20	0.00	0.20	2.22%	5.55	0.01	0.00	0.00
Livii ( Totals.	0.20	0.00	0.20		0.00	0.01	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### Sacramento River Basin (cont.)

Unit No. 01 West Levee RB	Overall Unit Rating	Total Unit Miles						
		2.73						
ST0011	Α				1		Design 8	& System
Rated Item			nce Deficiency			ement	Obsole	scence
Trailed Herri	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	I		T				ı	
Encroachments					2.62			
Animal Control	0.01		0.01	0.37%				
Supplemental	0.46		0.46	F 070/				
2015 USACE Erosion Survey, DRAFT	0.16	0.00	0.16	5.87%	0.00	0.00	0.00	0.00
Unit Totals:	0.17	0.00	0.17	6.24%	2.62	0.00	0.00	0.00
Unit No. 02 West Levee RB	Overall Unit	Total Unit						
	Rating	Miles						
ST0011	Α	1.52						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	· · · · ·	M Miles	U Miles
Earthen Levee	W Wilcs	O IVIIIC3	IVI 1 40 IVIIICS	THICSHOID 70	IVI IVIIICS	O WIIICS	IVI IVIIICS	O WIIICS
Encroachments					0.93			
Unit Totals:	0.00	0.00	0.00	0.00%	0.93	0.00	0.00	0.00
O'me y otalion	0.00	0.00	0.00	0.0070	0.00	0.00	0.00	0.00
Unit No. 03 West Levee RB	Overall Unit	Total Unit						
	Rating	Miles						
ST0011	A	1.15						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	& System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental								
DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00
Unit No. 04 West Levee RB	Overall Unit	Total Unit			•	•	•	•
Offit No. 04 West Levee RB	Rating	Miles						
CT0044	A	3.61						
ST0011			5		T = .		Design 8	& System
Rated Item			nce Deficiency			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Encroachments					1.02			
	0.04		0.04	0.000/	1.92			
Erosion / Bank Caving	0.01		0.01	0.28%				
Cracking	0.01		0.01	0.28%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.28%				
Supplemental DWP LICIP Field Study					0.07	0.01		
DWR UCIP Field Study	0.00	0.00	0.00	0.000/	0.07	0.01	0.00	0.00
Unit Totals:	0.03	0.00	0.03	0.83%	1.99	0.01	0.00	0.00

# Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### Sacramento River Basin (cont.)

. ,	0	T.( 11.55						
ST0012 Sacramento Maintenance Yard Willow	Overall LMA Rating	Total LMA Miles						
Slough Bypass	A	12.51						
			nce Deficiency		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					1.37			
Animal Control	0.01		0.01	0.08%				
Slope Stability	0.02		0.02	0.16%				
Erosion / Bank Caving	0.12		0.12	0.96%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.08%				
Supplemental  DWR UCIP Field Study					0.04			
LMA Totals:	0.16	0.00	0.16	1.28%	1.41	0.00	0.00	0.00
Livit No. 04 William Olamak Danasa an	O constitution in	Tatal Hait			<u>!</u>	I	I	
Unit No. 01 Willow Slough Bypass or North Levee LB	Overall Unit Rating	Total Unit Miles						
ST0012	A	5.05						
510012			nce Deficiency		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	U Miles
Earthen Levee	IVI IVIIIOO	C William		Till Colloid 70	IVI IVIIIOO	C IVIIICO	IVI IVIIIOO	0 1111100
Encroachments					1.21			
Erosion / Bank Caving	0.07		0.07	1.39%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.20%				
Supplemental Charles Studies Charles	I		I		0.00	I	I	
DWR UCIP Field Study  Unit Totals:	0.08	0.00	0.08	1.58%	1.23	0.00	0.00	0.00
Unit Totals.	0.06	0.00	0.06	1.56%	1.23	0.00	0.00	0.00
Unit No. 02 Willow Slough Bypass or	Overall Unit							
South Levee RB	Rating	Miles						
ST0012	A	7.46			T		Design 8	k System
Rated Item	NA NATIO	I	nce Deficiency	The second second 07		ement	Obsole	scence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Encroachments					0.16			
Animal Control	0.01		0.01	0.13%				
Slope Stability	0.02		0.02	0.27%				
Erosion / Bank Caving	0.05		0.05	0.67%				
Supplemental		· I	· 		_			
DWR UCIP Field Study					0.02			
Unit Totals:	0.08	0.00	0.08	1.07%	0.18	0.00	0.00	0.00
ST0014	Overall LMA	Total LMA						
Sutter Maintenance Yard Murphy	Rating	Miles						
Slough at M&T Ranch	U	0.83						
Poted Item	Maintenance Deficiency			Enforc	ement		System scence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.10		0.15	04.6557				
Vegetation	0.18	0.00	0.18	21.63%	0.00	0.00	0.00	0.00
LMA Totals:	0.18	0.00	0.18	21.63%	0.00	0.00	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### Sacramento River Basin (cont.)

ST0020 Sutter Maintenance Yard East-West	Overall LMA Rating	Total LMA Miles						
Interceptor	U	4.79						
		Maintena	nce Deficiency		Enforc	ement	Design &	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	2.04		2.04	42.58%	0.02			
Trim / Thin Trees	0.50		0.50	10.44%				
Encroachments	0.25		0.25	5.22%	0.44			
Erosion / Bank Caving	0.49	0.03	0.61	12.73%				
Supplemental		I						
DWR UCIP Field Study					0.15			
LMA Totals:	3.28	0.03	3.40	70.97%	0.61	0.00	0.00	0.00
Unit No. 01 West Levee RB	Overall Unit Rating	Total Unit Miles						
ST0020	U	1.75						
2		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.48		0.48	27.50%	0.02			
Trim / Thin Trees	0.49		0.49	28.07%				
Encroachments	0.01		0.01	0.57%	0.14			
Erosion / Bank Caving	0.02	0.03	0.14	8.02%				
Supplemental		I						
DWR UCIP Field Study					0.03			
Unit Totals:	1.00	0.03	1.12	64.16%	0.19	0.00	0.00	0.00
Unit No. 02 East Levee LB	Overall Unit Rating	Total Unit Miles						
ST0020	U	3.05						
		Maintena	nce Deficiency		Enforc	ement	Design 8	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	1.56		1.56	51.23%				
Trim / Thin Trees	0.01		0.01	0.33%				
Encroachments	0.24		0.24	7.88%	0.30			
Erosion / Bank Caving	0.47		0.47	15.43%				
Supplemental								
DWR UCIP Field Study					0.12			
Unit Totals:	2.28	0.00	2.28	74.87%	0.42	0.00	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### San Joaquin River Basin

NA0010 Lower San Joaquin Levee District	Overall LMA Rating	Total LMA Miles						
		Maintenance Deficiency				ement	Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	12.39	8.08	44.71	23.37%				
Trim / Thin Trees	0.03	0.02	0.11	0.06%				
Encroachments	0.12	0.02	0.20	0.10%	1.21	0.94		
Animal Control	3.26	0.18	3.98	2.08%				
Slope Stability	1.18	0.06	1.42	0.74%				
Erosion / Bank Caving	0.16	0.74	3.12	1.63%				
Cracking	0.02		0.02	0.01%				
Crown Surface / Depressions / Rutting	23.66	2.44	33.42	17.47%				
Supplemental								
DWR Erosion Survey	0.01		0.01	0.01%				
DWR UCIP Field Study					0.68	0.05		
DWR UCIP LMA Responsibility								
LMA Totals:	40.83	11.54	86.99	45.48%	1.89	0.99	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River RB	Overall Unit							
	Rating	Miles						
NA0010	U	22.52					Docian 8	System
Rated Item		Maintena	nce Deficiency		Enforc	ement		scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.00	2.00	45.04	70.040/				
Vegetation	2.68	3.29	15.84	70.34%	0.04	0.54		
Encroachments	0.10		0.10	0.040/	0.01	0.54		
Animal Control	0.19		0.19	0.84%				
Slope Stability	0.02	0.00	0.02	0.09%				
Erosion / Bank Caving	0.04	0.02	0.08	0.36%				
Crown Surface / Depressions / Rutting	0.81		0.81	3.60%				
Supplemental  DWR UCIP Field Study					0.12	0.01		
DWR UCIP LMA Responsibility					51.12	0.0.		
Unit Totals:	3.70	3.31	16.94	75.22%	0.13	0.55	0.00	0.00
Unit No. 02A San Joaquin River LB	Overall Unit Rating	Total Unit Miles			1			
NA0010	U	7.87						
NA0010			nce Deficiency		Enforce	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	scence U Miles
Earthen Levee	IVI IVIIICS	O IVIIIes	IVI + 40 IVIIIes	Tillesiloid /6	IVI IVIIICS	O IVIIIes	IVI IVIIICS	O IVIIIes
Vegetation		1.24	4.96	63.02%				
Encroachments					0.01			
Animal Control	0.02		0.02	0.25%				
Erosion / Bank Caving		0.06	0.24	3.05%				
Crown Surface / Depressions / Rutting	1.25		1.25	15.88%				
Supplemental								
DWR UCIP LMA Responsibility								
Unit Totals:	1.27	1.30	6.47	82.21%	0.01	0.00	0.00	0.00
Unit No. 02B San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	5.92						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		I					1	
Vegetation		0.22	0.88	14.86%				
Trim / Thin Trees	0.01	0.02	0.09	1.52%				
Encroachments	0.03		0.03	0.51%				
Animal Control	0.01		0.01	0.17%				
Crown Surface / Depressions / Rutting	1.09		1.09	18.41%				
Supplemental DWR UCIP Field Study					0.02			
DWR UCIP Fleid Study  DWR UCIP LMA Responsibility					0.02			
Unit Totals:	1 11	0.24	2.10	35.47%	0.02	0.00	0.00	0.00
Unit Totals.	1.14	0.24	2.10	33.47%	0.02	0.00	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 03 San Joaquin River RB	Overall Unit	Total Unit						
	Rating M	Miles						
NA0010	IVI	2.10	D. C. :				Design 8	& System
Rated Item	M Miles	U Miles	mce Deficiency M + 4U Miles	Threshold %	M Miles	ement U Miles	Obsole M Miles	scence
Earthen Levee	IVI IVIIIOO	O Milliou	111 1 10 1111100	Till Colloid 70	101 1011100	C IVIIIOC	W W	0 1111100
Vegetation		0.06	0.24	11.45%				
Animal Control	0.03		0.03	1.43%				
Slope Stability	0.01		0.01	0.48%				
Supplemental								
DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility								
Unit Totals:	0.04	0.06	0.28	13.36%	0.01	0.00	0.00	0.00
Unit No. 04 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
NA0010	A	1.41						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Encroachments					1.09			
Animal Control	0.01		0.01	0.71%				
Supplemental								
DWR UCIP Field Study					0.05			
DWR UCIP LMA Responsibility								
Unit Totals:	0.01	0.00	0.01	0.71%	1.14	0.00	0.00	0.00
Unit No. 05 East Side Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	U	34.85						
		Maintena	nce Deficiency		Enforc	ement	Design &	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		<u> </u>						
Vegetation	1.35	0.70	4.15	11.91%				
Encroachments	0.06		0.06	0.17%	0.02	0.01		
Animal Control	0.69	0.02	0.77	2.21%				
Slope Stability	0.01		0.01	0.03%				
Erosion / Bank Caving	0.14	0.25	1.14	3.27%				
Crown Surface / Depressions / Rutting	10.37		10.37	29.75%				
Supplemental								
DWR Erosion Survey	0.01		0.01	0.03%				
DWR UCIP Field Study					0.08	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	12.63	0.97	16.51	47.37%	0.10	0.02	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

H ' H 00 F 10 H D H D	0 1111.74	T						
Unit No. 06 East Side Bypass LB	Overall Unit Rating	Total Unit Miles						
NA0010	U	36.47						
Dated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		U Miles
Earthen Levee	4.55	<u> </u>	1.55	4.050/				
Vegetation	1.55		1.55	4.25%				
Trim / Thin Trees	0.01		0.01	0.03%	0.00	2.25		
Encroachments	0.00	0.00	0.07	0.000/	0.02	0.35		
Animal Control	0.63	0.06	0.87	2.39%				
Slope Stability	0.69	0.05	0.89	2.44%				
Erosion / Bank Caving	0.01	0.34	1.37	3.76%				
Crown Surface / Depressions / Rutting	4.56		4.56	12.50%				
Supplemental DWR UCIP Field Study					0.17	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	7.45	0.45	9.25	25.36%	0.19	0.36	0.00	0.00
Unit No. 07 Bear Creek Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	A	3.62						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		U Miles
Earthen Levee								
Animal Control	0.11		0.11	3.04%				
Slope Stability	0.01		0.01	0.28%				
Cumplemental								
Supplemental DAMA Bases as a little of								
DWR UCIP LMA Responsibility	0.40	0.00	0.40	2.220/	0.00	0.00	0.00	0.00
	0.12	0.00	0.12	3.32%	0.00	0.00	0.00	0.00
DWR UCIP LMA Responsibility	0.12  Overall Unit Rating	0.00 Total Unit	0.12	3.32%	0.00	0.00	0.00	0.00
DWR UCIP LMA Responsibility  Unit Totals:	Overall Unit	Total Unit	0.12	3.32%	0.00	0.00		
DWR UCIP LMA Responsibility  Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010	Overall Unit Rating	Total Unit Miles 3.63	0.12	3.32%		0.00	Design 8	System
DWR UCIP LMA Responsibility  Unit Totals:  Unit No. 08 Bear Creek Bypass LB	Overall Unit Rating	Total Unit Miles 3.63		3.32% Threshold %		ement	Design 8 Obsole	System
DWR UCIP LMA Responsibility  Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee	Overall Unit Rating U	Total Unit Miles 3.63 Maintena	nce Deficiency	Threshold %	Enforc	ement	Design 8 Obsole	. System
DWR UCIP LMA Responsibility  Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee  Vegetation	Overall Unit Rating U M Miles	Total Unit Miles 3.63 Maintena	nce Deficiency	Threshold %	Enforc	ement	Design 8 Obsole	. System
DWR UCIP LMA Responsibility Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee  Vegetation Animal Control	Overall Unit Rating U M Miles  0.10 0.18	Total Unit Miles 3.63 Maintena	nce Deficiency M + 4U Miles  0.10 0.18	Threshold % 2.76% 4.96%	Enforc	ement	Design 8 Obsole	. System
DWR UCIP LMA Responsibility  Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee  Vegetation Animal Control Crown Surface / Depressions / Rutting	Overall Unit Rating U M Miles	Total Unit Miles 3.63 Maintena	nce Deficiency M + 4U Miles  0.10	Threshold %	Enforc	ement	Design 8 Obsole	. System
DWR UCIP LMA Responsibility Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee  Vegetation Animal Control Crown Surface / Depressions / Rutting Supplemental	Overall Unit Rating U M Miles  0.10 0.18	Total Unit Miles 3.63 Maintena	nce Deficiency M + 4U Miles  0.10 0.18	Threshold % 2.76% 4.96%	Enforc	ement	Design 8 Obsole	. System
DWR UCIP LMA Responsibility  Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee  Vegetation Animal Control Crown Surface / Depressions / Rutting  Supplemental DWR UCIP LMA Responsibility	Overall Unit Rating U  M Miles  0.10 0.18 2.02	Total Unit Miles 3.63 Maintena U Miles	nce Deficiency M + 4U Miles  0.10 0.18 2.02	Threshold % 2.76% 4.96% 55.65%	Enforce M Miles	ement U Miles	Design 8 Obsole M Miles	System scence U Miles
DWR UCIP LMA Responsibility Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee  Vegetation Animal Control Crown Surface / Depressions / Rutting Supplemental	Overall Unit Rating U M Miles  0.10 0.18	Total Unit Miles 3.63 Maintena	nce Deficiency M + 4U Miles  0.10 0.18	Threshold % 2.76% 4.96%	Enforc	ement	Design 8 Obsole	. System
DWR UCIP LMA Responsibility  Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee  Vegetation Animal Control Crown Surface / Depressions / Rutting  Supplemental DWR UCIP LMA Responsibility	Overall Unit Rating U  M Miles  0.10 0.18 2.02  2.30  Overall Unit Rating	Total Unit Miles 3.63 Maintena U Miles  0.00  Total Unit Miles	nce Deficiency M + 4U Miles  0.10 0.18 2.02	Threshold % 2.76% 4.96% 55.65%	Enforce M Miles	ement U Miles	Design 8 Obsole M Miles	System scence U Miles
DWR UCIP LMA Responsibility  Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee  Vegetation Animal Control Crown Surface / Depressions / Rutting Supplemental DWR UCIP LMA Responsibility Unit Totals:	Overall Unit Rating U  M Miles  0.10 0.18 2.02  2.30  Overall Unit	Total Unit Miles 3.63 Maintena U Miles  0.00  Total Unit	nce Deficiency M + 4U Miles  0.10 0.18 2.02	Threshold % 2.76% 4.96% 55.65%	Enforce M Miles	ement U Miles	Design 8 Obsole M Miles	System scence U Miles  0.00
DWR UCIP LMA Responsibility Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee Vegetation Animal Control Crown Surface / Depressions / Rutting Supplemental DWR UCIP LMA Responsibility Unit Totals:  Unit No. 09 Owens Creek Bypass RB  NA0010	Overall Unit Rating U  M Miles  0.10 0.18 2.02  2.30  Overall Unit Rating	Total Unit Miles 3.63 Maintena U Miles  0.00  Total Unit Miles 0.87	nce Deficiency M + 4U Miles  0.10 0.18 2.02	Threshold % 2.76% 4.96% 55.65%	Enforce M Miles	ement U Miles	Design 8 Obsole M Miles	System scence U Miles  0.00
DWR UCIP LMA Responsibility  Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee  Vegetation Animal Control  Crown Surface / Depressions / Rutting  Supplemental  DWR UCIP LMA Responsibility  Unit Totals:  Unit No. 09 Owens Creek Bypass RB	Overall Unit Rating U  M Miles  0.10 0.18 2.02  2.30  Overall Unit Rating	Total Unit Miles 3.63 Maintena U Miles  0.00  Total Unit Miles 0.87	nce Deficiency M + 4U Miles  0.10 0.18 2.02	Threshold % 2.76% 4.96% 55.65%	Enforce M Miles	U Miles  0.00	Design 8 Obsole M Miles	System scence U Miles  0.00
DWR UCIP LMA Responsibility Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee  Vegetation Animal Control Crown Surface / Depressions / Rutting Supplemental DWR UCIP LMA Responsibility Unit Totals:  Unit No. 09 Owens Creek Bypass RB  NA0010  Rated Item  Earthen Levee	Overall Unit Rating U  M Miles  0.10 0.18 2.02  2.30  Overall Unit Rating A  M Miles	Total Unit Miles 3.63 Maintena U Miles  0.00  Total Unit Miles 0.87 Maintena	nce Deficiency M + 4U Miles  0.10 0.18 2.02  2.30  nce Deficiency M + 4U Miles	Threshold % 2.76% 4.96% 55.65% 63.36% Threshold %	Enforce M Miles  0.00	U Miles  0.00	Design 8 Obsole M Miles	System scence U Miles  0.00
DWR UCIP LMA Responsibility Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee Vegetation Animal Control Crown Surface / Depressions / Rutting Supplemental DWR UCIP LMA Responsibility Unit Totals:  Unit No. 09 Owens Creek Bypass RB  NA0010  Rated Item	Overall Unit Rating U  M Miles  0.10 0.18 2.02  2.30  Overall Unit Rating A	Total Unit Miles 3.63 Maintena U Miles  0.00  Total Unit Miles 0.87 Maintena	nce Deficiency M + 4U Miles  0.10 0.18 2.02  2.30	Threshold % 2.76% 4.96% 55.65%	Enforce M Miles  0.00	U Miles  0.00	Design 8 Obsole M Miles	System scence U Miles  0.00
DWR UCIP LMA Responsibility  Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee  Vegetation Animal Control Crown Surface / Depressions / Rutting Supplemental DWR UCIP LMA Responsibility Unit Totals:  Unit No. 09 Owens Creek Bypass RB  NA0010  Rated Item  Earthen Levee  Slope Stability Supplemental	Overall Unit Rating U  M Miles  0.10 0.18 2.02  2.30  Overall Unit Rating A  M Miles	Total Unit Miles 3.63 Maintena U Miles  0.00  Total Unit Miles 0.87 Maintena	nce Deficiency M + 4U Miles  0.10 0.18 2.02  2.30  nce Deficiency M + 4U Miles	Threshold % 2.76% 4.96% 55.65% 63.36% Threshold %	Enforce M Miles  0.00	U Miles  0.00	Design 8 Obsole M Miles	System scence U Miles  0.00
DWR UCIP LMA Responsibility Unit Totals:  Unit No. 08 Bear Creek Bypass LB  NA0010  Rated Item  Earthen Levee Vegetation Animal Control Crown Surface / Depressions / Rutting Supplemental DWR UCIP LMA Responsibility Unit Totals:  Unit No. 09 Owens Creek Bypass RB  NA0010  Rated Item  Earthen Levee Slope Stability	Overall Unit Rating U  M Miles  0.10 0.18 2.02  2.30  Overall Unit Rating A  M Miles	Total Unit Miles 3.63 Maintena U Miles  0.00  Total Unit Miles 0.87 Maintena	nce Deficiency M + 4U Miles  0.10 0.18 2.02  2.30  nce Deficiency M + 4U Miles	Threshold % 2.76% 4.96% 55.65% 63.36% Threshold %	Enforce M Miles  0.00	U Miles  0.00	Design 8 Obsole M Miles	System scence U Miles  0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

		I						
Unit No. 10 Owens Creek Bypass LB	Overall Unit Rating	Total Unit Miles						
NA0010	Α	0.80						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	k System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Animal Control	0.01		0.01	1.26%				
Supplemental		T		T				
DWR UCIP LMA Responsibility								
Unit Totals:	0.01	0.00	0.01	1.26%	0.00	0.00	0.00	0.00
Unit No. 11 Mariposa Bypass RB	Overall Unit Rating	Total Unit Miles						
NA0010	Α	3.31						
		Maintena	nce Deficiency		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	1	M Miles	U Miles
Earthen Levee	111 1111100	0 1111100	10 10 10 10 10 10 10 10 10 10 10 10 10 1	Triiodridia 70	101 1011100	0 1111100	W Willow	O Millioo
Animal Control	0.01		0.01	0.30%				
Slope Stability	0.01		0.01	0.30%				
Supplemental								
DWR UCIP LMA Responsibility								
Unit Totals:	0.02	0.00	0.02	0.60%	0.00	0.00	0.00	0.00
Unit No. 12 Mariposa Bypass LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0010	Α	3.33			1		Design 8	Cuatana
Rated Item		Maintena	nce Deficiency		Enforc	ement		scence
rated from	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.04	I	0.04	0.000/			I	
Animal Control	0.01		0.01	0.30%				
Cracking	0.02		0.02	0.60%				
Supplemental  DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility					0.01			
Unit Totals:	0.03	0.00	0.03	0.90%	0.01	0.00	0.00	0.00
Unit No. 13 Ash Slough RB	Overall Unit Rating	Total Unit Miles						
NA0010	A	1.27						
		Maintena	nce Deficiency		Enforc	ement	Design 8	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		200		70		2		
Encroachments					0.03	0.01		
Animal Control	0.01		0.01	0.79%				
Supplemental		1						
DWR UCIP Field Study					0.02			
Unit Totals:	0.01	0.00	0.01	0.79%	0.05	0.01	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Nate	, , ,	I	I	ı					
Rated Item	Unit No. 14 Ash Slough LB	Overall Unit Rating	Total Unit Miles						
Rated Item	NA0010	U	1.28						
Miles   U Miles   U Miles   M + 4U Miles   Threshold %   M Miles   U Miles	5		Maintena	nce Deficiency		Enforc	ement		
Negetation	Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles		
Animal Control   0.02   0.02   1.57%	Earthen Levee							1	
DWR UCIP Field Study	Vegetation		0.07	0.28	21.92%				
DWR UCIP Field Study	Animal Control	0.02		0.02	1.57%				
Unit No. 15 Berenda Slough RB		ı	T	T				ı	
Unit No. 15 Berenda Slough RB   Na0010	<u> </u>								
NA0010	Unit Totals:	0.02	0.07	0.30	23.49%	0.01	0.00	0.00	0.00
Rated   Item	Unit No. 15 Berenda Slough RB								
Rated Item	NA0010	U	2.03						
Rated Item			Maintena	nce Deficiency		Enforc	ement		
Vegetation	Rated Item	M Miles	1		Threshold %		1		
Vegetation	Earthen Levee							1	
Crown Surface / Depressions / Rutting		0.52	0.26	1.56	76.81%				
DWR UCIP LMA Responsibility	Animal Control	0.44		0.44	21.67%				
DWR UCIP LMA Responsibility	Crown Surface / Depressions / Rutting	1.98		1.98	97.49%				
Unit No. 16 Berenda Slough LB			<b>'</b>					<u>'</u>	
Nation   Control   Contr	DWR UCIP LMA Responsibility								
Rating   Miles   U   1.96	Unit Totals:	2.94	0.26	3.98	195.97%	0.00	0.00	0.00	0.00
Rated Item	Unit No. 16 Berenda Slough LB								
Rated Item	NA0010	U	1.96						
Rated Item			Maintena	nce Deficiency		Enforc	ement		
Vegetation   2.74   2.74   139.63%	Rated Item	M Miles			Threshold %				
Vegetation	Earthen Levee								
DWR UCIP LMA Responsibility		2.74		2.74	139.63%				
DWR UCIP LMA Responsibility	Animal Control	0.02	0.02	0.10	5.10%				
Unit No. 17 Chowchilla Canal Bypass RB   Overall Unit Rating   M   16.09			<u> </u>						
Unit No. 17 Chowchilla Canal Bypass RB NA0010  M 16.09  Maintenance Deficiency Miles Threshold % M Miles U Miles Design & System Obsolescence M Miles U Miles M + 4U Miles Threshold % M Miles U Miles M Miles U Miles  Earthen Levee  Vegetation 0.32 0.49 2.28 14.17% Animal Control 0.60 0.60 3.73% Slope Stability 0.01 0.01 0.06%  Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility									
Rating   Miles   M   16.09   M   16.09	Unit Totals:	2.76	0.02	2.84	144.73%	0.00	0.00	0.00	0.00
National Part   Part	**								
Naintenance Deficiency   Enforcement   Design & System Obsolescence	NA0010	M	16.09						
Rated Item	14.00.10			nce Deficiency		Enforc	ement		
Earthen Levee         Vegetation         0.32         0.49         2.28         14.17%           Animal Control         0.60         0.60         3.73%           Slope Stability         0.01         0.01         0.06%           Supplemental         0.02         0.02           DWR UCIP LMA Responsibility         0.02         0.02	Rated Item	M Miles			Threshold %				
Vegetation         0.32         0.49         2.28         14.17%           Animal Control         0.60         0.60         3.73%           Slope Stability         0.01         0.01         0.06%           Supplemental         0.02         0.02           DWR UCIP LMA Responsibility         0.02         0.02	Farthen I evee	W Wiles	O IVIIIC3	IVI I 40 IVIIICS	THICSHOID 70	IVI IVIIICS	O WIIICS	IVI IVIIICS	O IVIIICS
Animal Control   0.60   0.60   3.73%		0.32	0.49	2.28	14.17%				
Slope Stability									
Supplemental  DWR UCIP Field Study  DWR UCIP LMA Responsibility  0.02				0.01					
DWR UCIP LMA Responsibility									
	DWR UCIP Field Study					0.02			
Unit Totals: 0.93 0.49 2.89 17.96% 0.02 0.00 0.00	DWR UCIP LMA Responsibility								
5.10 2.00 17.0070 0.02 0.00 0.00 0.00	Unit Totals:	0.93	0.49	2.89	17.96%	0.02	0.00	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 18 Chowchilla Canal Bypass	Overall Unit	Total Unit						
LB	Rating	Miles						
NA0010	M	15.35					Donian	& System
Rated Item		Maintena	nce Deficiency		Enforc	ement	Obsole	scence
Nation Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							T	I
Vegetation	0.34	0.26	1.38	8.99%				
Animal Control	0.03	0.05	0.23	1.50%				
Supplemental DWR UCIP Field Study					0.04			
•	0.37	0.31	1.61	10.49%		0.00	0.00	0.00
Unit Totals:	0.37	0.31	1.61	10.49%	0.04	0.00	0.00	0.00
Unit No. 22A East Side Canal LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0010	U	5.51						
		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation		0.32	1.28	23.25%				
Encroachments	0.02		0.02	0.36%	0.01			
Animal Control	0.20		0.20	3.63%				
Slope Stability	0.09	0.01	0.13	2.36%				
Erosion / Bank Caving	0.01	0.07	0.29	5.27%				
Crown Surface / Depressions / Rutting	1.57	2.44	11.33	205.80%				
Supplemental								
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility								
Unit Totals:	1.89	2.84	13.25	240.68%	0.04	0.00	0.00	0.00
Heit Ne. 00 Oct. Leaveir Bisser BB	Our mall I limit	Total Unit		!		-	-	
Unit No. 23 San Joaquin River RB	Overall Unit Rating	Miles		Threshold Percer es are present, so				
NA0010	M *	10.24	instead of A		une Overal	ii Omi Radi	ig is ivi	
INAUUTU			D-6-i		F-4		Design 8	& System
Rated Item	NA NAH	1	nce Deficiency	Thursday 0/		ement		scence
Forthern Louise	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.03	0.11	0.47	4.59%				
Trim / Thin Trees	0.01	0.11	0.01	0.10%				
Encroachments	0.01	0.02	0.01	0.78%		0.02		
Animal Control	0.01	0.02	0.08	1.27%		0.02		
		0.03						
Slope Stability	0.31		0.31	3.03%				
Supplemental DWR UCIP Field Study					0.04	0.02		
DWR UCIP LMA Responsibility					3.04	0.02		
Unit Totals:	0.36	0.16	1.00	9.76% *	0.04	0.04	0.00	0.00
Unit Totals.	0.30	0.10	1.00	3.10/0 "	0.04	0.04	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 24 San Joaquin River LB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so																				
NA0010	M *	8.36	instead of A.																					
		Maintena	nce Deficiency		Enforc	ement		& System escence																
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles																
Earthen Levee																								
Vegetation		0.06	0.24	2.87%																				
Encroachments	0.01		0.01	0.12%	0.02	0.01																		
Animal Control	0.03		0.03	0.36%																				
Slope Stability	0.01		0.01	0.12%																				
Crown Surface / Depressions / Rutting	0.01		0.01	0.12%																				
Supplemental		I			0.00	T	T																	
DWR UCIP Field Study					0.06																			
DWR UCIP LMA Responsibility																								
Unit Totals:	0.06	0.06	0.30	3.59% *	0.08	0.01	0.00	0.00																
Unit No. 25 Salt Slough RB	Overall Unit	Total Unit																						
	Rating	Miles																						
NA0010	U	2.49																						
		Maintena	nce Deficiency		Enforcement		Enforcement		Enforcement		Enforcement		Enforcement		Enforcement		Enforcement		Enforcement		Enforcement			& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles																
Earthen Levee																								
Vegetation	2.76	1.00	6.76	271.97%																				
Supplemental																								
DWR UCIP LMA Responsibility	0.70	4.00	0.70	074 070/	0.00	0.00	0.00	0.00																
Unit Totals:	2.76	1.00	6.76	271.97%	0.00	0.00	0.00	0.00																
NA0011	Overall LMA	Total LMA																						
Madera County FCWCA	Rating	Miles																						
madera County I OTTOA	U	26.32																						
			nce Deficiency		Enforc	ement		& System																
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles																
Earthen Levee	IVI IVIIICS	O WIIIOS	W 1 40 Willes	THICOHOIG 70	IVI IVIIICO	O WIIICO	IVI IVIIICO	O WIIICO																
Vegetation	20.11	27.50	130.11	494.30%	0.01																			
Trim / Thin Trees	0.27	0.07	0.55	2.09%																				
Encroachments	0.22	0.04	0.38	1.44%	6.08	2.20																		
Animal Control	20.07	5.35	41.47	157.55%																				
Slope Stability	1.28	0.98	5.20	19.76%																				
Erosion / Bank Caving		0.01	0.04	0.15%																				
Crown Surface / Depressions / Rutting	16.10	2.0.	16.10	61.17%																				
Rivers, Channels & Designated Floodways				2 , , ,																				
Encroachments	0.01		0.01	0.04%																				
Supplemental	· 	· T				· 	· I																	
DWR Erosion Survey		0.08	0.32	1.22%																				
DWR UCIP Field Study					0.19	0.04																		
LMA Totals:	58.06	34.03	194.18	737.71%	6.28	2.24	0.00	0.00																

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Ash Slough RB	Overall Unit	Total Unit						
	Rating	Miles						
NA0011	U	2.37						
B		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		<u> </u>						
Vegetation	1.47	2.93	13.19	557.66%				
Encroachments	0.08		0.08	3.38%	0.02	1.16		
Animal Control	2.25		2.25	95.13%				
Slope Stability	0.89	0.01	0.93	39.32%				
Crown Surface / Depressions / Rutting	2.25		2.25	95.13%				
Supplemental		T		I				
DWR UCIP Field Study					0.03	0.02		
Unit Totals:	6.94	2.94	18.70	790.62%	0.05	1.18	0.00	0.00
Unit No. 02 Ash Slough LB	Overall Unit Rating	Total Unit Miles						
NA0011	U	2.04						
			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee			1					
Vegetation	2.67	0.65	5.27	258.91%	0.01			
Trim / Thin Trees	0.17		0.17	8.35%				
Encroachments	0.02		0.02	0.98%	0.30	0.70		
Animal Control	1.63	1.67	8.31	408.26%				
Slope Stability	0.01		0.01	0.49%				
Crown Surface / Depressions / Rutting	1.96		1.96	96.29%				
Supplemental								
DWR Erosion Survey		0.08	0.32	15.72%				
DWR UCIP Field Study					0.06			
Unit Totals:	6.46	2.40	16.06	789.00%	0.37	0.70	0.00	0.00
Unit No. 03 Berenda Slough RB	Overall Unit Rating	Total Unit Miles						
NA0011	U	1.51						
		Maintena	nce Deficiency		Enforc	ement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		l	1					
Vegetation		4.45	17.80	1176.38%				
Trim / Thin Trees	0.06	0.06	0.30	19.83%				
Encroachments	0.03		0.03	1.98%				
Animal Control	1.60	1.11	6.04	399.18%				
Slope Stability	0.01		0.01	0.66%				
Crown Surface / Depressions / Rutting	1.43		1.43	94.51%				
Supplemental		1						
DWR UCIP Field Study					0.02			
Unit Totals:	3.13	5.62	25.61	1692.54%	0.02	0.00	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Berenda Slough LB	Overall Unit Rating	Total Unit Miles						
NA0011	U	2.28						
Dated Have		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee	1		1			T	1	I
Vegetation	1.48	2.95	13.28	582.52%				
Trim / Thin Trees	0.04	0.01	0.08	3.51%				
Encroachments	0.02	0.02	0.10	4.39%	0.78			
Animal Control	0.04	1.56	6.28	275.47%				
Slope Stability	0.01	0.95	3.81	167.12%				
Crown Surface / Depressions / Rutting	1.08		1.08	47.37%				
Supplemental  DWR UCIP Field Study	I		I			0.01	1	1
Unit Totals:	2.67	5.49	24.63	1080.38%	0.78	0.01	0.00	0.00
Offit Totals.	2.07	3.49	24.03	1000.36%	0.76	0.01	0.00	0.00
Unit No. 05 Fresno River RB	Overall Unit Rating	Total Unit Miles						
NA0011	U	9.10						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles
Earthen Levee Vegetation	4.71	11.09	49.07	539.21%				
Encroachments	0.01	11.00	0.01	0.11%	4.03	0.05		
Animal Control	7.42	0.20	8.22	90.33%	4.03	0.03		
Slope Stability	0.01	0.20	0.22	0.11%				
Crown Surface / Depressions / Rutting	4.09		4.09	44.94%				
Rivers, Channels & Designated Floodways	4.03		4.05	44.5470				
Encroachments	0.01		0.01	0.11%				
Supplemental							1	
DWR UCIP Field Study					0.03			
Unit Totals:	16.25	11.29	61.41	674.81%	4.06	0.05	0.00	0.00
Unit No. 06 Fresno River LB	Overall Unit Rating	Total Unit Miles						
NA0011	U	9.03						
14.0011			nce Deficiency		Enforc	ement	Design 8	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	W Wiles	O WIIICS	IVI 1 40 IVIIICS	THICSHOID 70	IVI IVIIICS	O IVIIICS	IVI IVIIICS	O WIIICS
Vegetation	9.78	5.43	31.50	348.91%				
Encroachments	0.06	0.02	0.14	1.55%	0.95	0.29		
Animal Control	7.13	0.81	10.37	114.86%				
Slope Stability	0.35	0.02	0.43	4.76%				
Erosion / Bank Caving		0.01	0.04	0.44%				
Crown Surface / Depressions / Rutting	5.29		5.29	58.60%				
Supplemental DWD HCID Field Study					0.05	0.04		
DWR UCIP Field Study	00.04	0.00	47.77	500 100/	0.05	0.01	0.00	0.00
Unit Totals:	22.61	6.29	47.77	529.13%	1.00	0.30	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0013	Overall LMA Rating	Total LMA Miles						
Merced Streams Group	U	6.31						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.42		0.42	6.66%				
Encroachments					0.01	0.02		
Animal Control	1.07		1.07	16.97%				
Erosion / Bank Caving	0.02		0.02	0.32%				
Crown Surface / Depressions / Rutting	0.28		0.28	4.44%				
Supplemental								
DWR UCIP Field Study					0.02			
DWR UCIP LMA Responsibility								
LMA Totals:	1.79	0.00	1.79	28.38%	0.03	0.02	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Block Bosed Diversion BB	Overall Unit	Total Unit						
Unit No. 01 Black Rascal Diversion RB	Overall Unit Rating	Total Unit Miles						
NA0013	Α	1.61						
Data dilita sa		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental								
DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00
Unit No. 02 Black Rascal Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0013	U	1.85						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.42		0.42	22.71%				
Encroachments					0.01	0.02		
Animal Control	0.55		0.55	29.74%				
Erosion / Bank Caving	0.02		0.02	1.08%				
Crown Surface / Depressions / Rutting	0.27		0.27	14.60%				
Supplemental		I						
DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility								
Unit Totals:	1.26	0.00	1.26	68.13%	0.02	0.02	0.00	0.00
Unit No. 03 Owens Creek Diversion RB	Overall Unit Rating	Total Unit Miles						
		1.43						
NA0013	A						Design 8	& System
Rated Item		1	nce Deficiency			ement	Obsole	scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Animal Control	0.02		0.02	1.40%				
Crown Surface / Depressions / Rutting	0.02		0.02	0.70%				
Supplemental	0.01		0.01	0.7078				
DWR UCIP LMA Responsibility								
Unit Totals:	0.03	0.00	0.03	2.11%	0.00	0.00	0.00	0.00
Unit No. 04 Owens Creek Diversion LB	Overall Unit Rating	Total Unit Miles						
NA0013	U	1.42						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	
F								
Earthen Levee								
Animal Control	0.50		0.50	35.23%				
Animal Control Supplemental	0.50		0.50	35.23%				
Animal Control	0.50	0.00	0.50	35.23% 35.23%	0.00	0.00	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

NA0017	Overall LMA Rating	Total LMA Miles						
San Joaquin County Flood Control and								
Water Conservation District	M	101.04						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence	
Rateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	8.01	0.01	8.05	7.97%	1.75	0.21		
Trim / Thin Trees	0.60		0.60	0.59%				
Encroachments	0.12		0.12	0.12%	23.08	1.58		
Animal Control	0.11	0.02	0.19	0.19%				
Slope Stability	0.09		0.09	0.09%				
Erosion / Bank Caving	0.21	0.01	0.25	0.25%				
Crown Surface / Depressions / Rutting	0.14		0.14	0.14%				
Concrete Floodwalls								
Monolith Joints	0.08		0.08	0.08%				
Rivers, Channels & Designated Floodways								
Vegetation & Obstructions	0.03		0.03	0.03%				
Erosion / Bank Caving	0.01		0.01	0.01%				
Supplemental								
DWR Erosion Survey	0.35	0.76	3.39	3.36%				
DWR UCIP Field Study					2.20	0.09		
DWR UCIP LMA Responsibility				<u> </u>				
LMA Totals:	9.75	0.80	12.95	12.82%	27.03	1.88	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 04 Little jahr. Cus ala L.D.	Overell Unit	Total Unit						
Unit No. 01 Littlejohn Creek LB	Overall Unit Rating	Total Unit Miles						
NA0017	M	2.59						
Rated Item		Maintena	nce Deficiency		Enforc	cement	Design 8 Obsole	& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.40		0.40	15.44%				
Encroachments					0.23	0.01		
Supplemental  DWR UCIP Field Study	I				0.03			
DWR UCIP LMA Responsibility					0.00			
Unit Totals:	0.40	0.00	0.40	15.44%	0.26	0.01	0.00	0.00
O'm Totals.	0.40	0.00	0.40	13.4470	0.20	0.01	0.00	0.00
Unit No. 02 Littlejohn Creek RB	Overall Unit	Total Unit						
	Rating	Miles						
NA0017	U	3.20					Dosign 8	& System
Rated Item		Maintena	nce Deficiency			cement	Obsole	escence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<u>Vagatation</u>	1.46		1.46	45 G70/				
Vegetation Encroachments	1.46 0.01		1.46 0.01	45.67% 0.31%	0.01			
Erosion / Bank Caving	0.01		0.01	0.31%	0.01			
Supplemental	0.01		0.01	0.31%				
DWR UCIP Field Study					0.08			
DWR UCIP LMA Responsibility								
Unit Totals:	1.48	0.00	1.48	46.30%	0.09	0.00	0.00	0.00
	0 "11"	T			1			
Unit No. 06 SPRR Drain LB	Overall Unit Rating	Total Unit Miles						
NA 0047	U	0.46						
NA0017	<u> </u>		D. f		Ι		Design 8	& System
Rated Item	NA NATIO		nce Deficiency	There als 100		cement		escence
Farthan Lovas	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.18		0.18	39.33%				
Supplemental			3113					
DWR UCIP Field Study					0.01			
Unit Totals:	0.18	0.00	0.18	39.33%	0.01	0.00	0.00	0.00
Unit No. 07 Bear Creek RB	Overall Unit	Total Unit						
Official of Bear Greek NB	Rating	Miles						
NA0017	A	16.11						
			nce Deficiency		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles
Earthen Levee	IVI IVIIICS	O WIIICO	W 1 40 Willes	Threshold 70	IVI IVIIICO	O IVIIICO	IVI IVIIICO	O WIIICO
Vegetation	1.17		1.17	7.26%	0.01			
Trim / Thin Trees	0.22		0.22	1.37%				
Encroachments	0.01		0.01	0.06%	3.94	0.01		
Animal Control	0.02		0.02	0.12%				
Slope Stability	0.01		0.01	0.06%				
Erosion / Bank Caving	0.01		0.01	0.06%				
Supplemental			1	l .				
DWR UCIP Field Study					0.27	0.03		
DWR UCIP LMA Responsibility								
Unit Totals:	1.44	0.00	1.44	8.94%	4.22	0.04	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 08 Bear Creek LB	Overall Unit	Total Unit						
Offic No. 00 Bear Oreek EB	Rating	Miles						
NA0017	Α	15.32						
Date d House		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		ı					ı	
Vegetation	1.17		1.17	7.64%	0.12			
Trim / Thin Trees	0.13		0.13	0.85%	0.40	0.00		
Encroachments	0.03		0.03	0.20%	2.13	0.23		
Erosion / Bank Caving	0.01		0.01	0.07%				
Crown Surface / Depressions / Rutting Concrete Floodwalls	0.01		0.01	0.07%				
Monolith Joints	0.04		0.04	0.26%				
Supplemental								
DWR UCIP Field Study					0.41	0.02		
DWR UCIP LMA Responsibility								
Unit Totals:	1.39	0.00	1.39	9.07%	2.66	0.25	0.00	0.00
Unit No. 09 Paddy Creek LB	Overall Unit	Total Unit						
•	Rating	Miles						
NA0017	Α	1.53						
Date differen		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee		I					I	
Encroachments					0.53	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	0.00	0.00	0.00	0.00%	0.53	0.01	0.00	0.00
					1			0.00
Unit No. 10 Paddy Creek RB	Overall Unit Rating	Total Unit Miles						
NIA0047	A	1.41						
NA0017	A		D. C				Design 8	& System
Rated Item	NA NAH na		nce Deficiency	Thursday 0/		ement	Obsole	scence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Encroachments	0.01		0.01	0.71%	1.21			
Unit Totals:	0.01	0.00	0.01	0.71%	1.21	0.00	0.00	0.00
W. W. W. W. D. H. O. J. D.	0 "11"	<b>T</b>			1			
Unit No. 11 North Paddy Creek RB	Overall Unit Rating	Total Unit Miles						
NA0017	A	3.53						
INAOU I	7.		nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	IVI IVIIICS	O WINES	IVI I 40 IVIIIeS	THICSHOID /0	INI INIIICS	O IVIIIeS	WI WIIICS	O WINES
Vegetation	0.10		0.10	2.84%				
Encroachments					1.68	0.07		
Supplemental		T	1				T	
DWR UCIP Field Study					0.07			
DWR UCIP LMA Responsibility	_	_	_					
Unit Totals:	0.10	0.00	0.10	2.84%	1.75	0.07	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 12 North Paddy Creek LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0017	Α	3.51						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.18		0.18	5.13%	0.06			
Encroachments					2.26			
Slope Stability	0.01		0.01	0.29%				
Erosion / Bank Caving	0.05		0.05	1.42%				
Supplemental							ı	
DWR UCIP Field Study					0.09			
DWR UCIP LMA Responsibility								
Unit Totals:	0.24	0.00	0.24	6.84%	2.41	0.00	0.00	0.00
Unit No. 13 Middle Paddy Creek LB	Overall Unit	Total Unit						
	Rating	Miles						
NA0017	Α	1.38						
		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee			I					
Encroachments					1.37			
Supplemental					0.00			
DWR UCIP Field Study					0.02			
Unit Totals:	0.00	0.00	0.00	0.00%	1.39	0.00	0.00	0.00
Unit No. 14 Middle Paddy Creek RB	Overall Unit	Total Unit						
	Rating	Miles						
NA0017	U	1.38						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Vegetation	0.52		0.52	37.81%				
Encroachments					1.20			
Animal Control	0.01		0.01	0.73%				
Erosion / Bank Caving	0.01		0.01	0.73%				
Supplemental								
DWR UCIP Field Study					0.03			
DWR UCIP LMA Responsibility								
Unit Totals:	0.54	0.00	0.54	39.26%	1.23	0.00	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 15 Mormon Slough RB	Overall Unit Rating	Total Unit Miles						
NA0017	M	25.38						
1416611			nce Deficiency		Enforc	cement	Design 8	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles
Earthen Levee								
Vegetation	2.67		2.67	10.52%	0.44			
Trim / Thin Trees	0.24		0.24	0.95%				
Encroachments	0.02		0.02	0.08%	4.69	0.48		
Animal Control	0.06	0.02	0.14	0.55%				
Slope Stability	0.06		0.06	0.24%				
Erosion / Bank Caving	0.06	0.01	0.10	0.39%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.04%				
Concrete Floodwalls				313 175				
Monolith Joints	0.04		0.04	0.16%				
Rivers, Channels & Designated Floodways						1		
Vegetation & Obstructions	0.01		0.01	0.04%				
Erosion / Bank Caving	0.01		0.01	0.04%				
Supplemental	l							
DWR Erosion Survey	0.03	0.01	0.07	0.28%				
DWR UCIP Field Study					0.39	0.01		
DWR UCIP LMA Responsibility								
Unit Totals:	3.21	0.04	3.37	13.28%	5.52	0.49	0.00	0.00
Unit No. 16 Mormon Slough LB	Overall Unit Rating	Total Unit Miles						
NA0017	M	23.48						
		Maintena	nce Deficiency		Enforc	cement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles
Earthen Levee								
Vegetation	0.16	0.01	0.20	0.85%	1.12	0.21		
Trim / Thin Trees	0.01		0.01	0.04%				
Encroachments	0.04		0.04	0.17%	3.53	0.77		
Animal Control	0.02		0.02	0.09%				
Slope Stability	0.01		0.01	0.04%				
Erosion / Bank Caving	0.06		0.06	0.26%				
Crown Surface / Depressions / Rutting	0.12		0.12	0.51%				
Rivers, Channels & Designated Floodways	0.12		0.12	0.0170				
		I	0.02	0.09%				
	0.02							
Vegetation & Obstructions Supplemental	0.02		0.02					
Vegetation & Obstructions	0.02	0.75	3.32	14.14%				
Vegetation & Obstructions Supplemental		0.75			0.76	0.03		
Vegetation & Obstructions  Supplemental  DWR Erosion Survey		0.75			0.76	0.03		

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### San Joaquin River Basin (cont.)

Unit No. 17 Potter Creek RB	Overall Unit	Total Unit						
one nor it i oner creek its	Rating	Miles						
NA0017	Α	0.86						
2		Maintena	nce Deficiency		Enforc	cement	Design & Obsole	& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee						1	1	
Encroachments					0.04			
Supplemental DWR UCIP Field Study					0.03			
Unit Totals:	0.00	0.00	0.00	0.00%	0.07	0.00	0.00	0.00
Unit No. 18 Potter Creek LB	Overall Unit	Total Unit			•	ı	ı	ı
	Rating A	Miles <b>0.91</b>						
NA0017	A		D. (; ;		- ·		Design 8	& System
Rated Item	DA DAILE E		nce Deficiency	Three hold 0/		cement	Obsole	scence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Encroachments					0.26			
Supplemental								
DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.27	0.00	0.00	0.00
RD0001	Overall LMA	Total LMA						
Reclamation District No. 0001 Union	Rating	Miles						
Island	U	1.14						
Rated Item		Maintena	nce Deficiency		Enforc	cement	Design 8 Obsole	& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Animal Control		0.04	0.16	14.06%				
Slope Stability	0.02	0.04	0.16	1.76%				
Erosion / Bank Caving	0.02		0.02	1.76%				
Flood Preparedness & Training	0.01		0.01	0.88%				
Supplemental								
DWR UCIP Field Study					0.01			
2017 Storm Damage	0.02		0.02	1.76%				
LMA Totals:	0.07	0.04	0.23	20.21%	0.01	0.00	0.00	0.00
RD0017	Overall LMA	Total LMA						
Reclamation District No. 0017 Mossdale	Rating	Miles						
	A	16.03						
Detective in		Maintena	nce Deficiency		Enforc	cement	Design & Obsole	& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee							1	
Vegetation	0.05		0.05	0.31%	0.00			
Encroachments Animal Control	0.06		0.06	0.279/	0.06			
Slope Stability	0.06 0.01		0.06	0.37% 0.06%				
Supplemental	0.01		0.01	0.00%				
DWR Erosion Survey	0.03		0.03	0.19%				
DWR UCIP Field Study					0.61	0.05		
DWR UCIP LMA Responsibility								
					0.07	0.05	0.00	0.00

LMA Totals:

0.15

0.00

0.15

0.94%

0.67

0.05

0.00

0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### San Joaquin River Basin (cont.)

DWR UCIP Field Study

Unit Totals:

0.15

DWR UCIP LMA Responsibility

Overall Unit	Total Unit						
Rating	Miles						
A	1.76						
	Maintena	nce Deficiency		Enforc	ement		
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
				0.04	0.01		
0.00	0.00	0.00	0.00%	0.04	0.01	0.00	0.00
Overall Unit Rating	Total Unit Miles						
A	14.27						
	Maintena	nce Deficiency		Enforc	ement		
M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
							O Miles
							O ivilles
0.05		0.05	0.35%				O Miles
0.05		0.05	0.35%	0.06			O Miles
0.05		0.05	0.35%	0.06			O Willes
				0.06			O Willes
0.06		0.06	0.42%	0.06			O Willes
	A M Miles  0.00  Overall Unit Rating A	Rating Miles  A 1.76  Maintena  M Miles U Miles  0.00 0.00  Overall Unit Rating Miles  A 14.27  Maintena	Rating         Miles           A         1.76           Maintenance Deficiency           M Miles         U Miles         M + 4U Miles           0.00         0.00         0.00           Overall Unit Rating         Total Unit Miles           A         14.27           Maintenance Deficiency	Rating         Miles           A         1.76           Maintenance Deficiency           M Miles         U Miles         M + 4U Miles         Threshold %           0.00         0.00         0.00         0.00%           Overall Unit Rating         Miles         A         14.27           Maintenance Deficiency	Rating         Miles           A         1.76           Maintenance Deficiency         Enforce           M Miles         U Miles         M + 4U Miles         Threshold %         M Miles           0.04         0.00         0.00         0.00%         0.04           Overall Unit Rating         Miles           A         14.27           Maintenance Deficiency         Enforce	Rating         Miles           A         1.76           Maintenance Deficiency         Enforcement           M Miles         U Miles         M Miles         U Miles           0.04         0.01         0.04         0.01           0verall Unit Rating         Miles         Miles           A         14.27         Enforcement	Rating Miles           A         1.76           Maintenance Deficiency         Enforcement Obsole           M Miles         U Miles         M Hes         U Miles         M Miles

RD0404	Overall LMA	Total LMA						
Reclamation District No. 0404 Boggs	Rating	Miles						
	U	4.10						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & Obsole	System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.03		0.03	0.73%				
Trim / Thin Trees	0.03		0.03	0.73%				
Encroachments	0.01	0.01	0.05	1.22%	0.01			
Animal Control	0.18	0.28	1.30	31.68%				
Slope Stability	0.01		0.01	0.24%				
Erosion / Bank Caving		0.01	0.04	0.97%				
Supplemental								
DWR Erosion Survey	0.03		0.03	0.73%				
DWR UCIP Field Study					0.14	0.04		
LMA Totals:	0.29	0.30	1.49	36.31%	0.15	0.04	0.00	0.00

0.00

0.15

0.04

0.04

0.00

0.00

0.57

0.63

1.05%

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River RB	Overall Unit Rating	Total Unit Miles	U Rated Mile	Threshold Percer				
RD0404	M *	2.35	instead of A.					
2		Maintena	nce Deficiency		Enforc	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.03		0.03	1.28%				
Trim / Thin Trees	0.02		0.02	0.85%				
Encroachments	0.01	0.01	0.05	2.13%	0.01			
Animal Control		0.01	0.04	1.70%				
Slope Stability	0.01		0.01	0.43%				
Supplemental		T				T	T	I
DWR Erosion Survey	0.03		0.03	1.28%				
DWR UCIP Field Study					0.08	0.04		
Unit Totals:	0.10	0.02	0.18	7.66% *	0.09	0.04	0.00	0.00
Unit No. 02 French Camp Slough RB	Overall Unit Rating	Total Unit Miles						
RD0404	U	1.75	-					
			ince Deficiency		Enforcement			& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		0		71		000		0
Trim / Thin Trees	0.01		0.01	0.57%				
Animal Control	0.18	0.27	1.26	71.81%				
Erosion / Bank Caving		0.01	0.04	2.28%				
Supplemental						1		
DWR UCIP Field Study					0.06			
Unit Totals:	0.19	0.28	1.31	74.66%	0.06	0.00	0.00	0.00
RD0524	Overall LMA	Total LMA						
Reclamation District No. 0524 Middle	Rating	Miles						
Roberts Island	U	6.20						
		Maintena	nce Deficiency		Enforc	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.13	0.64	2.69	43.40%	0.02	0.06		
Trim / Thin Trees	0.27	0.71	3.11	50.18%	0.01			
Encroachments	0.13	0.07	0.41	6.62%	0.39	0.37		
Animal Control	0.51	0.18	1.23	19.85%				
Slope Stability	0.10	0.09	0.46	7.42%				
Erosion / Bank Caving	0.07	0.17	0.75	12.10%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.16%				
Emergency Supplies & Equipment	0.06		0.06	0.97%				
Flood Preparedness & Training	0.06		0.06	0.97%				
Supplemental								
DWR Erosion Survey	0.07	0.35	1.47	23.72%				
DWR UCIP Field Study					0.31	0.01		
DWR UCIP LMA Responsibility								
LMA Totals:	1.41	2.21	10.25	165.38%	0.73	0.44	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD0544 Reclamation District No. 0544 Upper	Overall LMA Rating	Total LMA Miles						
Roberts Island	U	10.20						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	4.20	7.81	35.44	347.40%	0.42	0.07		
Trim / Thin Trees	0.15	0.21	0.99	9.70%				
Encroachments	0.07	0.04	0.23	2.25%	0.42	0.13		
Animal Control	0.51	0.33	1.83	17.94%				
Slope Stability	0.06	0.03	0.18	1.76%				
Erosion / Bank Caving	0.02	0.08	0.34	3.33%				
Crown Surface / Depressions / Rutting	0.22	0.01	0.26	2.55%				
Flood Preparedness & Training	0.10		0.10	0.98%				
Interior Drainage & Piping Systems								
Erosion Areas		0.01	0.04	0.39%				
Supplemental								
DWR Erosion Survey	0.04		0.04	0.39%				
DWR UCIP Field Study					0.17	0.07		
LMA Totals:	5.37	8.52	39.45	386.71%	1.01	0.27	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River LB	Overall Unit	Total Unit						
	Rating	Miles						
RD0544	U	6.05						
Rated Item		Maintena	nce Deficiency		Enforc	cement	Obsole	& System escence
Nated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.00	0.70	47.40	000 4 40/		0.07	I	I
Vegetation Trim / Thin Trees	2.20	3.73 0.16	17.12 0.75	283.14% 12.40%		0.07		
	0.11		0.75	3.31%	0.34	0.04		
Encroachments		0.04			0.34	0.04		
Animal Control	0.04	0.26	1.08	17.86%				
Slope Stability	0.05	0.03	0.17	2.81%				
Erosion / Bank Caving	0.02	0.04	0.18	2.98%				
Crown Surface / Depressions / Rutting	0.22	0.01	0.26	4.30%				
Supplemental DWR Erosion Survey	0.01		0.01	0.17%				
DWR UCIP Field Study	0.01		0.01	0.1770	0.10	0.04		
Unit Totals:	2.69	4.27	19.77	326.96%	0.10	0.15	0.00	0.00
Offit Totals.	2.09	4.21	19.77	320.90%	0.44	0.13	0.00	0.00
Unit No. 02 Old River RB	Overall Unit Rating	Total Unit Miles						
RD0544	U	4.15						
2		Maintena	nce Deficiency		Enforc	cement		& System escence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee						1		1
Vegetation	2.00	4.08	18.32	440.93%	0.42			
Trim / Thin Trees	0.04	0.05	0.24	5.78%				
Encroachments	0.03		0.03	0.72%	0.08	0.09		
Animal Control	0.47	0.07	0.75	18.05%				
Slope Stability	0.01		0.01	0.24%				
Erosion / Bank Caving		0.04	0.16	3.85%				
Interior Drainage & Piping Systems		I				1		1
Erosion Areas		0.01	0.04	0.96%				
Supplemental DWD Fracian Common	0.00		0.00	0.700/				
DWR Erosion Survey	0.03		0.03	0.72%	0.07	0.00		
DWR UCIP Field Study	0.50	4.05	40.50	474.000/	0.07	0.03	0.00	0.00
Unit Totals:	2.58	4.25	19.58	471.26%	0.57	0.12	0.00	0.00
RD1602	Overall LMA	Total LMA						
Reclamation District No. 1602 Del	Rating	Miles						
Puerto	U	6.24						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	111 1111100	0 1111100	10 10 10 10 10 10 10 10 10 10 10 10 10 1	Till Control 70	101 1011100	0 1111100	101 1011100	O WILLOO
Vegetation	7.40		7.40	118.63%	0.01			
Encroachments	0.03		0.03	0.48%	3.04	0.11		
Animal Control	0.28	0.02	0.36	5.77%				
Slope Stability	0.02		0.02	0.32%				
Crown Surface / Depressions / Rutting	0.01		0.01	0.16%				
Supplemental				I				
DWR Erosion Survey	0.01		0.01	0.16%				
DWR UCIP Field Study					0.03	0.02		
DWR UCIP LMA Responsibility								
LMA Totals:	7.75	0.02	7.83	125.52%	3.08	0.13	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2031	Overall LMA Rating	Total LMA Miles								
Reclamation District No. 2031 Elliot	U	13.05								
			nce Deficiency		Enforc	ement		& System		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles		
Earthen Levee	IVI IVIIICO	O WIIICO	W 1 40 Willes	THEOHOIC 70	IVI IVIIICO	O WIIICO	IVI IVIIICO	O WIIICO		
Vegetation	0.20	0.90	3.80	29.11%	0.21					
Trim / Thin Trees	1.22		1.22	9.35%						
Encroachments					0.73	0.07				
Animal Control	0.02		0.02	0.15%						
Slope Stability	0.01		0.01	0.08%						
Erosion / Bank Caving	0.04	0.04	0.20	1.53%				0.01		
Crown Surface / Depressions / Rutting	0.07		0.07	0.54%						
Seepage / Sandboils								1.41		
Supplemental							1			
DWR UCIP Field Study					0.16					
DWR UCIP LMA Responsibility										
LMA Totals:	1.56	0.94	5.32	40.76%	1.10	0.07	0.00	1.42		
Unit No. 01 Stanislaus River LB	Overall Unit Rating	Total Unit Miles								
RD2031	U	7.07								
102001			nce Deficiency		Enforc	ement		& System		
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles		
Earthen Levee		000	/ 100	77		000		•		
Vegetation		0.69	2.76	39.02%	0.21					
Encroachments					0.73	0.06				
Animal Control	0.02		0.02	0.28%						
Erosion / Bank Caving	0.04	0.04	0.20	2.83%						
Crown Surface / Depressions / Rutting	0.07		0.07	0.99%						
Supplemental										
DWR UCIP Field Study					0.12					
DWR UCIP LMA Responsibility										
Unit Totals:	0.13	0.73	3.05	43.12%	1.06	0.06	0.00	0.00		
Unit No. 02 San Joaquin River RB	Overall Unit Rating	Total Unit Miles								
RD2031	U	5.98								
		Maintena	nce Deficiency		Enforc	Enforcement				& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles		
Earthen Levee	0.00	0.04	4.04	47.000/						
Vegetation	0.20	0.21	1.04	17.39%						
Trim / Thin Trees	1.22		1.22	20.40%		0.01				
Encroachments	0.01		0.57	0.4=07		0.01				
Slope Stability	0.01		0.01	0.17%						
Erosion / Bank Caving								0.01		
Seepage / Sandboils								1.41		
Supplemental  DWR UCIP Field Study					0.04					
					0.04					
DWR UCIP LMA Responsibility	1 12	0.24	2 27	27.069/	0.04	0.01	0.00	1.40		
Unit Totals:	1.43	0.21	2.27	37.96%	0.04	0.01	0.00	1.42		

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2058 Reclamation District No. 2058	Overall LMA Rating	Total LMA Miles						
Pescadero	U	6.58						
Rated Item		Maintena	nce Deficiency		Enforc	ement		System scence
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	5.02	3.21	17.86	271.46%				
Trim / Thin Trees	0.01		0.01	0.15%				
Encroachments		0.01	0.04	0.61%	0.43	0.02		
Animal Control	0.01	0.01	0.05	0.76%				
Erosion / Bank Caving	0.01		0.01	0.15%				
Supplemental								
DWR Erosion Survey	0.04		0.04	0.61%				
DWR UCIP Field Study					0.05			
DWR UCIP LMA Responsibility								
LMA Totals:	5.09	3.23	18.01	273.74%	0.48	0.02	0.00	0.00

RD2062 Reclamation District No. 2062 Stewart	Overall LMA Rating	Total LMA Miles						
	M	12.14						
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Nateu itelli	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.71		0.71	5.85%				
Erosion / Bank Caving	0.20		0.20	1.65%				
Supplemental								
DWR Erosion Survey	0.14	0.11	0.58	4.78%				
DWR UCIP Field Study					0.13	0.03		
LMA Totals:	1.05	0.11	1.49	12.27%	0.13	0.03	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River LB	Overall Unit	Total Unit						
Onit No. 01 San Joaquin River Lb	Rating	Miles						
RD2062	Α	2.64						
		Maintena	nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental								
DWR UCIP Field Study					0.03			
Unit Totals:	0.00	0.00	0.00	0.00%	0.03	0.00	0.00	0.00
Unit No. 02 Paradise Cut RB	Overall Unit Rating	Total Unit Miles						
RD2062	A	3.96						
NO 200E			nce Deficiency		Enforc	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		000	/ 100	77		000		000
Erosion / Bank Caving	0.01		0.01	0.25%				
Supplemental	I							
DWR UCIP Field Study					0.06	0.02		
Unit Totals:	0.01	0.00	0.01	0.25%	0.06	0.02	0.00	0.00
Unit No. 03 Old River LB	Overall Unit Rating	Total Unit Miles						
RD2062	U	5.55						
5 . 14		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							I	
Vegetation	0.71		0.71	12.80%				
Erosion / Bank Caving	0.19		0.19	3.42%				
Supplemental DWR Erosion Survey	0.14	0.11	0.58	10.45%				
DWR UCIP Field Study	0.14	0.11	0.50	10.4370	0.04	0.01		
Unit Totals:	1.04	0.11	1.48	26.67%	0.04	0.01	0.00	0.00
om rotale.	1.01	0.11	11.10	20.01 70	0.01	0.01	0.00	0.00
RD2063	Overall LMA	Total LMA						
Reclamation District No. 2063 Crows	Rating	Miles						
Landing	Α	10.44			1		Danier 6	0.000
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
rated from	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	0.05		0.05	0.480/				
Vegetation	0.05		0.05	0.48%	0.05	1 20		
Encroachments Erosion / Bank Caving	0.10		0.10	0.96%	0.05	1.30		
Flood Preparedness & Training	0.10		0.10	0.96%				
Supplemental	0.10		0.10	0.3070				
DWR UCIP Field Study					0.11	0.02		
DWR UCIP LMA Responsibility								
LMA Totals:	0.25	0.00	0.25	2.39%	0.16	1.32	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### San Joaquin River Basin (cont.)

RD2064	Overall LMA	Total LMA						
Reclamation District No. 2064 River	Rating	Miles						
Junction	A	11.65			I		Design 8	& System
Rated Item			nce Deficiency			ement	Obsole	scence
5 4 4	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Trim / Thin Trees	0.06		0.06	0.52%				
Encroachments	0.00		0.00	0.0270		0.09		
Animal Control	0.14		0.14	1.20%		0.00		
Erosion / Bank Caving	0.01		0.01	0.09%				
Supplemental								
DWR UCIP Field Study					0.23	0.01		
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.01		0.01	0.09%				
LMA Totals:	0.22	0.00	0.22	1.89%	0.23	0.10	0.00	0.00
Unit No. 01 San Joaquin River RB	Overall Unit	Total Unit						
·	Rating	Miles						
RD2064	Α	5.56						
Dated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee							I	I
Animal Control	0.14		0.14	2.52%				
Supplemental  DWR UCIP Field Study					0.12	0.01		
DWR UCIP LMA Responsibility					0.12	0.01		
Unit Totals:	0.14	0.00	0.14	2.52%	0.12	0.01	0.00	0.00
Unit No. 02 Stanislaus River RB	Overall Unit Rating	Total Unit Miles						
RD2064	A	6.08						
ND2004	A		nce Deficiency		Enforce	ement		& System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	IVI IVIIICO	O WIIICO	IVI I 40 IVIIICS	THICOHOLO 70	IVI IVIIICO	O WIIICO	IVI IVIIICO	O Willow
Trim / Thin Trees	0.06		0.06	0.99%				
Encroachments						0.09		
Erosion / Bank Caving	0.01		0.01	0.16%				
Supplemental			I	I				
DWR UCIP Field Study				2 4 2 2 4	0.11			
2017 Storm Damage	0.01	0.00	0.01	0.16%	0.44	0.00	0.00	0.00
Unit Totals:	0.08	0.00	0.08	1.32%	0.11	0.09	0.00	0.00
RD2075	Overall LMA	Total LMA						
Reclamation District No. 2075 McMullin	Rating	Miles						
	A	7.45						
Date dillera		Maintena	nce Deficiency		Enforc	ement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee	_		_					
Vegetation	0.37		0.37	4.97%				
Supplemental  DWR UCIP Field Study					0.03			
					0.00			
DVVR UCIP LIMA RESPONSIBILITY								
DWR UCIP LMA Responsibility 2017 Storm Damage	0.09		0.09	1.21%				

LMA Totals:

0.46

0.00

0.46

6.18%

0.03

0.00

0.00

0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2085 Reclamation District No. 2085 Kasson	Overall LMA Rating	Total LMA Miles	however, U	Threshold Perce			*	
	M *	6.28	Rating is M	instead of A.				
Rated Item		Maintena	nce Deficiency		Enforc	cement		& System scence
rated nom	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Vegetation	0.32		0.32	5.10%	0.05	0.01		
Encroachments	0.32		0.32	5.10%	0.03	0.01		
Slope Stability	0.01		0.01	0.16%	0.51			
Erosion / Bank Caving	0.01	0.02	0.08	1.27%				
Supplemental		0.02	0.00	1.2770				
DWR Erosion Survey	0.11		0.11	1.75%				
DWR UCIP Field Study					0.06			
DWR UCIP LMA Responsibility								
LMA Totals:	0.44	0.02	0.52	8.28% *	0.62	0.01	0.00	0.00
Unit No. 01 San Joaquin River LB	Overall Unit Rating	Total Unit Miles						
RD2085	Α	5.29						
<b>2</b>		Maintena	nce Deficiency		Enforc	cement		& System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.32		0.32	6.05%	0.05	0.01		
Encroachments					0.51			
Slope Stability	0.01		0.01	0.19%				
Supplemental  DWR Erosion Survey	0.11		0.11	2.08%				
DWR UCIP Field Study	0.11		0.11	2.0070	0.06			
DWR UCIP LMA Responsibility					0.00			
Unit Totals:	0.44	0.00	0.44	8.32%	0.62	0.01	0.00	0.00
	-				1	1 0.00	1 0.00	
Unit No. 02 San Joaquin River	Overall Unit Rating	Total Unit Miles						
BBooks	A	0.70						
RD2085	A		5.0.				Design 8	& System
Rated Item	M Miles	U Miles	nce Deficiency M + 4U Miles	Threshold %	M Miles	U Miles		U Miles
No Items	IVI IVIIIES	O ivilles	IVI + 40 IVIIIeS	Tillesiloid /6	IVI IVIIIES	O ivilles	IVI IVIIIES	O Miles
Unit Totals:	0.00	0.00	0.00	0.00%				
				0.0070				
Unit No. 03 San Joaquin River	Overall Unit Rating	Miles						
RD2085	U	0.29					Denie -	Custom
Rated Item		Maintena	nce Deficiency		Enforc	cement		System scence
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		0.02	0.00	27.4.40/				
Erosion / Bank Caving  Unit Totals:	0.00	0.02	0.08	27.14%	0.00	0.00	0.00	0.00
Unit Totals:	0.00	0.02	0.08	27.14%	0.00	0.00	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

RD2089 Reclamation District No. 2089 Stark	Overall LMA Rating	Total LMA Miles						
	U	2.86						
Rated Item		Maintena	nce Deficiency		Enforc	ement		& System scence
Nateu item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.49	2.93	12.21	427.25%	0.05			
Trim / Thin Trees	0.01		0.01	0.35%				
Encroachments	0.04		0.04	1.40%	0.41	0.09		
Animal Control	0.12	0.17	0.80	27.99%				
Slope Stability	0.15		0.15	5.25%				
Erosion / Bank Caving	0.01		0.01	0.35%				
Crown Surface / Depressions / Rutting	0.06		0.06	2.10%				
Flood Preparedness & Training	0.03		0.03	1.05%				
Supplemental								
DWR Erosion Survey	0.02	0.01	0.06	2.10%				
DWR UCIP Field Study					0.03	0.02		
DWR UCIP LMA Responsibility								
2017 Storm Damage	0.02		0.02	0.70%				
LMA Totals:	0.95	3.11	13.39	468.54%	0.49	0.11	0.00	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

### San Joaquin River Basin (cont.)

31 01 01 33 I Unit iles 35	5.71 0.01 0.07 0.14 0.04 0.06 0.01 6.04	Threshold %  377.59%  0.66%  4.63%  9.26%  2.65%  3.97%  0.66%  399.41%	0.38 0.02	0.02  0.02	Design & Obsole:  M Miles  0.00  Design & Obsole:	U Miles  0.00
aintenar Ailes 31 01 01 33 Unit iles 35 aintenar	5.71 0.01 0.07 0.14 0.04 0.06 0.01 6.04	377.59% 0.66% 4.63% 9.26% 2.65% 3.97% 0.66% 399.41%	0.38 0.02 0.40	0.02 0.02	Obsole: M Miles  0.00  Design & Obsole:	U Mile  U Mole
All Unit iles 31 All Unit iles All Unit iles All Unit iles	5.71 0.01 0.07 0.14 0.04 0.06 0.01 6.04	377.59% 0.66% 4.63% 9.26% 2.65% 3.97% 0.66% 399.41%	0.38 0.02 0.40	0.02 0.02	Obsole: M Miles  0.00  Design & Obsole:	U Mile  0.00
31 01 01 33 Il Unit iles 35 aintenar	5.71 0.01 0.07 0.14 0.04 0.06 0.01 6.04	377.59% 0.66% 4.63% 9.26% 2.65% 3.97% 0.66% 399.41%	0.38 0.02 0.40	0.02	0.00 Design & Obsole	0.00
01 01 33 Il Unit iles 35 aintenar	0.01 0.07 0.14 0.04 0.06 0.01 6.04	0.66% 4.63% 9.26% 2.65% 3.97% 0.66% 399.41%	0.02 0.40	0.02	Design & Obsole	& System
01 01 33 Il Unit iles 35 aintenar	0.01 0.07 0.14 0.04 0.06 0.01 6.04	0.66% 4.63% 9.26% 2.65% 3.97% 0.66% 399.41%	0.02 0.40	0.02	Design & Obsole	& System
33 Il Unit illes 35 aintenar	0.07 0.14 0.04 0.06 0.01 6.04	4.63% 9.26% 2.65% 3.97% 0.66% 399.41%	0.02 0.40	0.02	Design & Obsole	& System
33 Il Unit illes 35 aintenar	0.14 0.04 0.06 0.01 6.04	9.26% 2.65% 3.97% 0.66% 399.41%	0.40	0.02	Design & Obsole	& System
33 Il Unit iles 35 aintenar	0.04 0.06 0.01 6.04	2.65% 3.97% 0.66% 399.41%	0.40	0.02	Design & Obsole	& System
33 Il Unit iles 35 aintenar	0.06 0.01 6.04	3.97% 0.66% 399.41%	0.40	0.02	Design & Obsole	& System
33 Il Unit iles 35 aintenar	0.01 6.04	0.66% 399.41%	0.40	0.02	Design & Obsole	& System
33 Il Unit iles 35 aintenar	0.01 6.04	0.66% 399.41%	0.40	0.02	Design & Obsole	& System
I Unit iles 35 aintenar	6.04	399.41%	0.40	0.02	Design & Obsole	& System
I Unit iles 35 aintenar	6.04	399.41%	Enforc		Design & Obsole	& System
I Unit iles 35 aintenar	6.04	399.41%	Enforc		Design & Obsole	& System
I Unit iles 35 aintenar	nce Deficiency		Enforc		Design & Obsole	& System
iles 35 aintenar files		Threshold %		cement	Obsole	
aintenar ⁄liles		Threshold %		cement	Obsole	
Miles		Threshold %		ement	Obsole	
	M + 4U Miles	Threshold %	NA NAILOO	Enforcement		
62			IVI IVIIIES	U Miles	M Miles	U Mile
62						
<u>-</u>	6.50	483.06%	0.05			
	0.01	0.74%				
	0.03	2.23%	0.03	0.09		
16	0.73	54.25%				
	0.01	0.74%				
	0.01	0.74%				
	0.02	1.49%				
			0.01			
	0.01	0.74%				
78	7.32	544.00%	0.09	0.09	0.00	0.00
I LMA						
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	uno Overan	Livir	
W 7.51			Enforce	ement	Design &	
		Threshold %		1	1	scence U Mile
03	1 40 WIII03	11110011010 70	IVI IVIIICS	J WIIICS	.**	J WING
	LMA les	0.02  0.01 78 7.32  LMA * Overall LMA however, U Rating is M in aintenance Deficiency	0.02 1.49%  0.01 0.74%  78 7.32 544.00%  LMA * Overall LMA Threshold Perce however, U Rated Miles are partial in the same of A.  Saintenance Deficiency	0.02   1.49%	0.02   1.49%     0.01	0.02   1.49%   0.01   0.01   0.01   0.01   0.01   0.01   0.74%   0.09   0.09   0.00

0.01

0.09

0.01

0.21

0.46

0.13%

1.20%

0.13%

2.80%

6.12% \*

0.02

0.02

0.00

0.00

Supplemental

Trim / Thin Trees

Erosion / Bank Caving

DWR UCIP Field Study

DWR UCIP LMA Responsibility

**Animal Control** 

Slope Stability

LMA Totals:

0.01

0.05

0.01

0.05

0.26

0.01

0.04

0.05

0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River RB	Overall Unit Rating	Total Unit Miles		Threshold Perceres are present, so				
RD2091	M *	7.46		•			Design 8	System
Rated Item		Maintena	nce Deficiency		Enforc	ement		scence
Earthen Levee	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Vegetation	0.14		0.14	1.88%				
Trim / Thin Trees	0.01		0.01	0.13%				
Animal Control	0.05	0.01	0.09	1.21%				
Slope Stability	0.01		0.01	0.13%				
Erosion / Bank Caving	0.05	0.04	0.21	2.81%				
Supplemental								
DWR UCIP Field Study					0.01			
DWR UCIP LMA Responsibility								
Unit Totals:	0.26	0.05	0.46	6.16% *	0.01	0.00	0.00	0.00
Unit No. 02 San Joaquin River NA	Overall Unit Rating	Total Unit Miles						
RD2091	Α	0.05						
		Maintena	nce Deficiency		Enforc	ement		System
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	U Miles
Supplemental	W Wilco	O WIIICO	W 1 40 Willes	THEOHOL 70	IVI IVIIICS	O WIIICO	IVI IVIIICO	O IVIIIOS
DWR UCIP Field Study					0.01			
Unit Totals:	0.00	0.00	0.00	0.00%	0.01	0.00	0.00	0.00
RD2092 Reclamation District No. 2092 Dos Rios	Overall LMA Rating	Total LMA Miles	however, U	Threshold Perce Rated Miles are p				
	M *	3.71	Rating is M i	instead of A.				
D 4 18		Maintena	nce Deficiency		Enforc	ement		System scence
Rated Item	M Miles	LLNCL						
	IVI IVIIICS	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee	W WIIC3	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee Encroachments	W Willes	U Miles	M + 4U Miles	Threshold %	M Miles 1.15	U Miles	M Miles	U Miles
	W Wiles	0.01	0.04	Threshold % 1.08%		U Miles	M Miles	U Miles
Encroachments	0.04					U Miles	M Miles	U Miles
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental			0.04	1.08%	1.15	U Miles	M Miles	U Miles
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental  DWR UCIP Field Study			0.04	1.08%		U Miles	M Miles	U Miles
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental			0.04	1.08%	1.15	U Miles	M Miles	U Miles
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental  DWR UCIP Field Study			0.04	1.08%	1.15	U Miles	M Miles	U Miles
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental DWR UCIP Field Study DWR UCIP LMA Responsibility LMA Totals:	0.04	0.01	0.04	1.08% 1.08%	0.06			
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental DWR UCIP Field Study DWR UCIP LMA Responsibility LMA Totals:  RD2094	0.04	0.01	0.04	1.08% 1.08%	0.06			
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental DWR UCIP Field Study DWR UCIP LMA Responsibility LMA Totals:	0.04  0.04  Overall LMA	0.01 0.01 Total LMA	0.04	1.08% 1.08%	0.06			
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental DWR UCIP Field Study DWR UCIP LMA Responsibility LMA Totals:  RD2094	0.04  0.04  Overall LMA Rating	0.01  0.01  Total LMA Miles 3.23	0.04 0.04 0.08	1.08% 1.08%	0.06	0.00	0.00	0.00
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility  LMA Totals:  RD2094	0.04  0.04  Overall LMA Rating A	0.01  O.01  Total LMA Miles 3.23  Maintena	0.04 0.04 0.08	1.08% 1.08% 2.16% *	1.15 0.06 1.21	0.00	0.00 Design & Obsole	0.00
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility  LMA Totals:  RD2094 Reclamation District No. 2094 Wathal  Rated Item	0.04  0.04  Overall LMA Rating	0.01  0.01  Total LMA Miles 3.23	0.04 0.04 0.08	1.08% 1.08%	0.06	0.00	0.00	0.00
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility  LMA Totals:  RD2094 Reclamation District No. 2094 Wathal	0.04  0.04  Overall LMA Rating A	0.01  O.01  Total LMA Miles 3.23  Maintena	0.04 0.04 0.08	1.08% 1.08% 2.16% *	1.15 0.06 1.21	0.00	0.00 Design & Obsole	0.00
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental DWR UCIP Field Study DWR UCIP LMA Responsibility LMA Totals:  RD2094 Reclamation District No. 2094 Wathal  Rated Item  Earthen Levee	0.04  0.04  Overall LMA Rating A	0.01  O.01  Total LMA Miles 3.23  Maintena	0.04 0.04 0.08	1.08% 1.08% 2.16% *	1.15  0.06  1.21  Enforce M Miles	0.00	0.00 Design & Obsole	0.00
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility  LMA Totals:  RD2094 Reclamation District No. 2094 Wathal  Rated Item  Earthen Levee Encroachments	0.04  0.04  Overall LMA Rating A	0.01  O.01  Total LMA Miles 3.23  Maintena	0.04 0.04 0.08 0.08	1.08% 1.08% 2.16% *	1.15  0.06  1.21  Enforce M Miles	0.00	0.00 Design & Obsole	0.00
Encroachments Animal Control Crown Surface / Depressions / Rutting Supplemental  DWR UCIP Field Study DWR UCIP LMA Responsibility LMA Totals:  RD2094 Reclamation District No. 2094 Wathal  Rated Item  Earthen Levee  Encroachments Erosion / Bank Caving	0.04  0.04  Overall LMA Rating A	0.01  O.01  Total LMA Miles 3.23  Maintena	0.04 0.04 0.08 0.08	1.08% 1.08% 2.16% *	1.15  0.06  1.21  Enforce M Miles	0.00	0.00 Design & Obsole	0.00

## Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River RB	Overall Unit Rating	Total Unit Miles						
RD2094	A	2.78						
Data di Itarra		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	System scence
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Encroachments					0.02			
Supplemental								
DWR UCIP Field Study					0.04			
Unit Totals:	0.00	0.00	0.00	0.00%	0.06	0.00	0.00	0.00
Unit No. 02 San Joaquin River	Overall Unit Rating	Total Unit Miles						
RD2094	U	0.45						
		Maintena	nce Deficiency		Enforc	ement	Design 8 Obsole	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	
Earthen Levee								
Erosion / Bank Caving	0.17		0.17	37.71%				
Unit Totals:	0.17	0.00	0.17	37.71%	0.00	0.00	0.00	0.00
		T						
RD2095	Overall LMA	Total LMA Miles						
Reclamation District No. 2095 Paradise	Rating							
Cut	Α	4.86			1		Design 8	Cuatana
Rated Item		Maintena	nce Deficiency		Enforc	ement	Obsole	
Nateu Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation	0.01		0.01	0.21%				
Encroachments					0.48			
Supplemental								
DWR UCIP Field Study					0.06			
DWR UCIP LMA Responsibility								
LMA Totals:	0.01	0.00	0.01	0.21%	0.54	0.00	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 Paradise Cut LB	Overall Unit	Total Unit								
DDoor	Rating	Miles 1.45								
RD2095	A		5 " '				Design 8	& System		
Rated Item	M Miles	U Miles	nce Deficiency M + 4U Miles	Threshold %	M Miles	U Miles	Obsole M Miles	scence U Miles		
Earthen Levee	IVI IVIIIES	O ivilles	IVI + 40 IVIIIeS	Tillesiloiu /6	IVI IVIIIES	O ivilles	IVI IVIIIES	O Miles		
Encroachments					0.01					
Supplemental										
DWR UCIP Field Study					0.04					
Unit Totals:	0.00	0.00	0.00	0.00%	0.05	0.00	0.00	0.00		
Jnit No. 02 San Joaquin River LB	Overall Unit	Total Unit								
	Rating	Miles								
RD2095	A	3.41					Danier (	0.00		
Rated Item		Maintena	nce Deficiency		Enforc	ement	Design & System Obsolescence			
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles		
Farthen Levee Vegetation	0.01		0.01	0.29%						
Encroachments	0.01		0.01	0.2370	0.47					
Supplemental					0.47					
DWR UCIP Field Study					0.02					
DWR UCIP LMA Responsibility										
Unit Totals:	0.01	0.00	0.01	0.29%	0.49	0.00	0.00	0.00		
		I <b>–</b>			•					
RD2096	Overall LMA Rating	Total LMA Miles								
Reclamation District No. 2096 Wetherbee Lake										
Vettlerbee Lake	A 0.16  Maintenance Deficiency Enforcement Design & Sys						& System			
Rated Item			nce Deficiency	<b>T</b>			Obsole	scence		
-author Loves	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles		
Earthen Levee Encroachments					0.01					
Slope Stability	0.01		0.01	6.07%	0.01					
Supplemental	0.01		0.01	0.0170						
DWR UCIP Field Study					0.01					
LMA Totals:	0.01	0.00	0.01	6.07%	0.02	0.00	0.00	0.00		
RD2101	Overall LMA Rating	Total LMA Miles		Threshold Perce Rated Miles are p						
Reclamation District No. 2101 Blewett	M *	3.46	Rating is M		resem, so	irie Overaii	LIVIA			
	IVI		Maintenance Deficiency			Enforcement Design & System				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		Obsole M Miles			
Earthen Levee	IVI IVIIIES	O ivilles	IVI + 40 IVIIIeS	Tillesiloid /6	IVI IVIIIES	O ivilles	IVI IVIIIES	O Miles		
Encroachments					1.31					
Animal Control	0.08	0.06	0.32	9.26%						
Erosion / Bank Caving	0.01		0.01	0.29%						
Seepage / Sandboils								0.01		
Supplemental										
DWR UCIP Field Study					0.04					
DWR UCIP LMA Responsibility										
DWIN OCH LIVIA Nesponsibility										

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River LB	Overall Unit	Total Unit						
	Rating	Miles						
RD2101	M	3.16						
Rated Item		Maintenance Deficiency					Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee		,						
Encroachments					1.31			
Animal Control	0.08	0.06	0.32	10.14%				
Erosion / Bank Caving	0.01		0.01	0.32%				
Seepage / Sandboils								0.01
Supplemental				1				
DWR UCIP Field Study					0.04			
DWR UCIP LMA Responsibility								
Unit Totals:	0.09	0.06	0.33	10.45%	1.35	0.00	0.00	0.01
Unit No. 02 San Joaquin River (Spur	Overall Unit	Total Unit						
Levee) RB	Rating	Miles						
RD2101	A	0.30						
RD2101		Enforcement		Design & System				
Rated Item	Maintenance Deficiency					Obsolescence		
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
No Items								
Unit Totals:	0.00	0.00	0.00	0.00%				
RD2107	Overall LMA	Total LMA						
Reclamation District No. 2107	Rating	Miles						
Mossdale Island	A	4.15						
	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles		M Miles	1
Forthern Louise				70		-		
Earmen Levee								
Earthen Levee Vegetation					0.01			
					0.01			
Vegetation								
Vegetation Encroachments						0.01		
Vegetation Encroachments Supplemental					0.01	0.01		
Vegetation Encroachments Supplemental DWR UCIP Field Study	0.00	0.00	0.00	0.00%	0.01	0.01	0.00	0.00

# Fall 2017 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR & USACE Erosion Survey

Unit No. 01 San Joaquin River LB	Overall Unit	Total Unit						
	Rating	Miles						
RD2107	A	2.33						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Earthen Levee								
Vegetation					0.01			
Encroachments					0.01			
Supplemental								
DWR UCIP Field Study					0.10			
Unit Totals:	0.00	0.00	0.00	0.00%	0.12	0.00	0.00	0.00
Unit No. 02 Paradise Cut RB	Overall Unit	Total Unit						
	Rating Miles							
RD2107	Α	1.82						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
Supplemental								
DWR UCIP Field Study					0.01	0.01		
DWR UCIP LMA Responsibility								